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Overview -

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Contoso has a main office in Los Angeles and two branch offices in New York and Seattle.

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Data Infrastructure -

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Deploy prebuilt datasets to Power BI to simplify the query experience of the customers.

Provide internal users with the ability to incorporate machine learning models loaded to the dedicated SQL pool.

You need to identify the root cause of the data refresh issue.

What should you use?

- A. the Usage Metrics Report in powerbi.com
- B. Query Diagnostics in Power Query Editor
- C. Performance analyzer in Power BI Desktop

Suggested Answer: B

Community vote distribution

 **Az301301X** Highly Voted 2 years, 1 month ago

Selected Answer: B

Query Diagnostics will do the trick. "...you can use it to understand what sort of queries you're emitting, what slowdowns you might run into during authoring refresh..." <https://learn.microsoft.com/en-us/power-query/query-diagnostics>.

So, B.

upvoted 7 times

 **nbagchi** Highly Voted 2 years, 2 months ago

Correct,

Query Diagnostics helps in understanding what Power Query is doing at authoring and at refresh time in Power BI Desktop.

upvoted 6 times

 **Deloro** Most Recent 1 year, 5 months ago

i would also say B since its data refresh,

performance analyzer is time of the visuals to refresh (and update)


upvoted 1 times

 **gerryboy** 1 year, 6 months ago

Selected Answer: B

will give all stats in Query diagnostics.


upvoted 1 times

 **hoss29** 1 year, 7 months ago

Selected Answer: B

Data refresh is the equivalent of data load, which is more upfront than loading visuals. Hence we need to use Query Diagnostics (answer B)

upvoted 1 times

 **Eltooth** 1 year, 9 months ago

Selected Answer: B


B is correct answer.

The question is asking why does the refresh fail not why does the report take a long time to load.

The PA will analyse where the bottleneck is.

Power Query Editor will tell you why the refresh is failing.

upvoted 3 times


 **Tranter** 1 year, 9 months ago

When you encounter slow rendering specifically during filter selections in Power BI reports, the Performance Analyzer tool is more suitable for identifying the root causes and optimizing performance. The Performance Analyzer helps you analyze the rendering time of visuals and components in your report, allowing you to pinpoint the specific areas that are causing the slowdown during filter selections. By using the Performance Analyzer, you can focus on optimizing those visuals or components to improve rendering performance.

On the other hand, Query Diagnostics in Power Query Editor is designed to analyze and optimize the performance of data loading and transformations within the Power Query Editor. It is more relevant when you want to troubleshoot and optimize the data loading process, rather than the rendering performance during filter selections.

so in the context of slow rendering during filter selections, the Performance Analyzer in Power BI Desktop is the recommended tool to use for identifying the root causes and optimizing performance.

upvoted 3 times

 **Qordata** 1 year, 6 months ago

Question mentioned data refresh issues so your explanation for Query Diagnostics in Power Query Editor suits


upvoted 1 times

 **DarioReymago** 1 year, 11 months ago

Selected Answer: C

I prefer C, B doesnt show info about interactions and metrics

upvoted 1 times

 **laureli** 2 years, 1 month ago

Selected Answer: C

Monitor report performance in Power BI Desktop using the Performance Analyzer. Monitoring will help you learn where the bottlenecks are, and how you can improve report performance.



Monitoring performance is relevant in the following situations:

Your Import data model refresh is slow.

Your DirectQuery or Live Connection reports are slow.



Your model calculations are slow.

upvoted 2 times

  **laureli** 2 years, 1 month ago



<https://learn.microsoft.com/en-us/power-bi/guidance/monitor-report-performance>

upvoted 2 times

  **Tranter** 1 year, 9 months ago

C cannot be used to monitor Premium per user activities or capacity so will go with B

upvoted 1 times

  **abain89** 2 years, 2 months ago

Should be C - Performance Analyzer

<https://learn.microsoft.com/en-us/power-bi/guidance/monitor-report-performance>

upvoted 4 times

  **KoryMills** 2 years, 1 month ago

'It is asking for the 'root cause of the data refresh issue.' Not the visuals... so answer is not Performance Analyzer.

upvoted 1 times

  **JasonVu** 2 years, 3 months ago

Got this on 12/08/2022

upvoted 2 times

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Which two possible tools can you use to identify what causes the report to render slowly? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Synapse Studio
- B. DAX Studio
- C. Azure Data Studio
- D. Performance analyzer in Power BI Desktop

Suggested Answer: BD

Community vote distribution

BD (100%)

  **nbagchi** Highly Voted 2 years, 2 months ago

Correct,

Performance Analyzer is built into Power BI Desktop which is used first followed by DAX Studio which is an external tool to further dig deep down.



upvoted 12 times

  **joseratts** Most Recent 10 months, 1 week ago

Selected Answer: BD



Correct

upvoted 1 times

  **salvalcaraz** 1 year, 3 months ago

Performance Analyzer provides information about the time each part of the report takes to finish, from rendering visuals to calculate DAX measures. DAX Studio allows you to go deeper in the analysis with the query you get from the Performance Analyzer tool.



upvoted 1 times

  **Eltooth** 1 year, 9 months ago

Selected Answer: BD

B and D are correct answers.

upvoted 3 times

  **abain89** 2 years, 2 months ago

Correct

upvoted 3 times

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Deploy prebuilt datasets to Power BI to simplify the query experience of the customers.

Provide internal users with the ability to incorporate machine learning models loaded to the dedicated SQL pool.

You need to integrate the external data source to support the planned changes.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

Create an Apache Spark data source.

Merge columns.

Create a web data source.

Expand the attributes.

Publish the model.



Answer Area

Suggested Answer:

Create a web data source.

Expand the attributes.

Publish the model.

nbagchi Highly Voted 2 years, 2 months ago

I believe this is the correct answer.

For more info check this: <https://learn.microsoft.com/en-us/power-query/connectors/json#load-from-the-web>

upvoted 5 times

Eltooth Most Recent 1 year, 8 months ago

Create

Expand

Publish

upvoted 1 times

Eltooth 1 year, 8 months ago

* Create a web source

upvoted 2 times

DarioReymago 1 year, 11 months ago

is ok ok ok

upvoted 1 times

Saffar 2 years, 1 month ago

correct

upvoted 3 times

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Deploy prebuilt datasets to Power BI to simplify the query experience of the customers.

Provide internal users with the ability to incorporate machine learning models loaded to the dedicated SQL pool.

You need to create Power BI reports that will display data based on the customers' subscription level.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

Add members to row-level security (RLS) roles.

Create row-level security (RLS) roles.

Create a perspective.

Enable bidirectional filtering.

Create a DAX expression.



Answer Area

Suggested Answer:

Create row-level security (RLS) roles.

Create a DAX expression.

Add members to row-level security (RLS) roles.

Saffar Highly Voted 2 years, 1 month ago

this is correct

upvoted 11 times

DarioReymago Most Recent 1 year, 11 months ago

role

add members

dax

upvoted 2 times

Cococo 1 year, 9 months ago

no no, DAX expression here is for the RLS filter, not the report yet, so it has to go after you click create a Role, the answer is - role - dax to filter - members

upvoted 5 times

Cococo 1 year, 9 months ago

step 6 from here - <https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-rls>

upvoted 1 times

taza31 2 years, 1 month ago

Correct, bi directionnal is not needed

upvoted 4 times

abain89 2 years, 2 months ago

Create row-level security (RLS) roles

Create a DAX expression

Enable bi-directional filtering

upvoted 1 times

Hongzu13 2 years ago

Why the heck do you want to add bi-directional filtering on this? This is something you do on data modeling....

upvoted 2 times

reignreign03 1 year, 2 months ago

I think bi-directional filtering may be used for dynamic RLS (the one that uses USERPRINCIPALNAME), but it isn't needed in this case since I assume it's a static RLS.

upvoted 1 times

reignreign03 1 year, 2 months ago

Another reason is you don't need to make roles in dynamic RLS since they're already set up in the data.

upvoted 1 times

🗨️ 👤 **cherious** 2 years, 2 months ago

The last step should be enabling bi-directional filtering.

Since we are going to implement RLS based on customers' subscription level, we will use `username()` or `userprincipalname()`. After this there is no need to add members, the data will be filtered dynamically. Now we should enable apply bi-directional filtering.

upvoted 3 times

🗨️ 👤 **stfglv** 2 years, 1 month ago

I disagree. As this link shows, even with dynamic roles for RLS it is still necessary to assign members/security group to the role:

<https://www.acuitytraining.co.uk/news-tips/dynamic-row-level-security-in-power-bi/>

upvoted 1 times

🗨️ 👤 **Fer079** 2 years ago

When it says "Implement subscription levels for the customers", I think that it's related to static RLS, so we have to create one role for each level (for ex.: customer, manager, etc...), if this is the case then we don't have to enable the bi-directional filtering but we must to add members to each role.

If you implement this solution using dynamic RLS, then we should enable it such as says this link:

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-rls>

"Select this option when you've also implemented dynamic row-level security at the server level, where row-level security is based on username or login ID."

upvoted 3 times

🗨️ 👤 **nbagchi** 2 years, 2 months ago

I think this may be correct. Although bi-directional filtering can be applied before adding members, I am pretty sure that is not a mandatory requirement.

Check out this link: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-rls#define-roles-and-rules-in-power-bi-desktop>

upvoted 2 times

🗨️ 👤 **Maazi** 2 years, 2 months ago

I think the last step should be bi-directional filtering. AFAIK, adding members can only be on Power BI Service and not Desktop. Will be good to get other views/answers from the community too.

upvoted 1 times

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Provide internal users with the ability to incorporate machine learning models loaded to the dedicated SQL pool.

You need to recommend a solution to add new fields to the financial data Power BI dataset with data from the Microsoft SQL Server data warehouse.

What should you include in the recommendation?

- A. Azure Purview
- B. an XMLA endpoint
- C. Site-to-Site VPN
- D. the on-premises data gateway

Suggested Answer: D

Community vote distribution

D (100%)

 **cherious** Highly Voted 2 years, 2 months ago

Selected Answer: D

Since the data is located in Microsoft SQL Server DWH, we need on-premises data gateway.
upvoted 9 times

 **Az301301X** Highly Voted 2 years, 2 months ago

D is correct.

It seems that you need the gateway, as stated in this article:

<https://community.powerbi.com/t5/Power-Query/SQL-Server-hosted-on-Azure-VM-Do-I-need-a-Gateway/td-p/489761>

upvoted 9 times


 **hoss29** Most Recent 1 year, 7 months ago

Selected Answer: D

On-prem gateway. A SQL Server database on Azure Virtual Machine is considered on-premises and needs a gateway, check it out here :

<https://radacad.com/the-power-bi-gateway-all-you-need-to-know>


upvoted 1 times

 **Eltooth** 1 year, 8 months ago

Selected Answer: D

D is correct answer.

upvoted 1 times

 **LuukvdD** 1 year, 10 months ago

The source talks about a gateway, not an on-prem gateway. Azure VMs run in the cloud, what you would need is a gateway but not an on-prem gateway.

You use an On-prem gateway to transfer data between servers that are not in the cloud and servers that are. In this case, both are in the cloud.

https://learn.microsoft.com/en-us/power-bi/connect-data/service-gateway-onprem?WT.mc_id=DP-MVP-5003635

upvoted 2 times

 **DarioReymago** 1 year, 11 months ago


D assuming that DWH or sql pool is on-premise and not cloud

upvoted 1 times

 **cookiemonster42** 2 years, 1 month ago

D is correct because dedicated SQL pool is also called data-warehouse so, on-premise gateway will be used to build power BI dataset.


upvoted 1 times

 **nbagchi** 2 years, 2 months ago

I believe the correct answer is the XMLA endpoint.


Question mentions - 'Contoso has a 50-TB data warehouse that uses an instance of SQL Server on Azure Virtual Machines (imp)'. Since it's on Azure, we won't need an on-prem gateway. We can use a PowerShell cmdlet script to update the dataset.

upvoted 6 times

 **stfglv** 2 years, 1 month ago

I would normally agree if we look at things black vs white i.e. on-prem vs. cloud, here Azure, but as the link from Az301301X states, nothing is black and white and we do need a gateway.

upvoted 1 times

 **stfglv** 2 years, 1 month ago

Another confirmation (albeit from a completely different angle) can be found here as well: <https://community.powerbi.com/t5/Service/How-to-Install-on-premise-gateway-on-azure-virtual-machine/m-p/2419686>

upvoted 1 times

 **stfglv** 2 years, 1 month ago

Apologies for constantly adding comments, but this just crossed my mind as well: XMLA endpoint is connected to a Premium capacity and the question scenario does not mention Premium at all.

upvoted 1 times

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Provide internal users with the ability to incorporate machine learning models loaded to the dedicated SQL pool.

You need to recommend a solution to resolve the query issue of the serverless SQL pool. The solution must minimize impact on the users.

What should you in the recommendation?

- A. Update the statistics for the serverless SQL pool.
- B. Move the data from the serverless SQL pool to a dedicated Apache Spark pool.
- C. Execute the `sp_set_process_data_limit` stored procedure for the serverless SQL pool.
- D. Move the data from the serverless SQL pool to a dedicated SQL pool.

Suggested Answer: D

Community vote distribution

A (62%)

D (38%)

 **nbagchi** Highly Voted 2 years, 2 months ago

Correct


upvoted 10 times

 **Akin_Eren** Most Recent 1 year, 2 months ago

Selected Answer: D

i would go with option D as well, because updating statics is not a certain solution as we don't know if there is any change on tables as statistics changes require

upvoted 1 times

 **metiii** 1 year, 4 months ago

Selected Answer: A

Using a dedicated SQL Pool or Apache Spark Pool will probably resolve the issue but they would have a huge impact on the user, you should consider that part of the question otherwise you are ignoring it completely. Updating the statistics might not be as miraculous as a dedicated SQL pool but it is done easily and has a minor if not no impact on the user.

upvoted 3 times

 **reignreign03** 1 year, 2 months ago

I might agree with this one.

upvoted 2 times

 **Omorinsola26** 1 year, 4 months ago

Updating statistics is required when there is a material change in the distribution of values for columns


upvoted 1 times

 **Hisayuki** 1 year, 6 months ago

Selected Answer: D

Dedicated SQL Pool

upvoted 2 times

 **Bridgi** 1 year, 6 months ago

Selected Answer: D

Dedicated SQL pool supports large amounts of data and complex queries.

upvoted 1 times

 **Dimitar1878** 1 year, 6 months ago

ChatPGT say Answer C:

C. Execute the `sp_set_process_data_limit` stored procedure for the serverless SQL pool.

The `sp_set_process_data_limit` stored procedure allows you to set a data limit for a single query. This can help prevent queries from exceeding the available resources and causing tempdb or other resource-related issues. By setting appropriate data limits, you can manage query execution and ensure more stable performance for the serverless SQL pool.

upvoted 2 times

 **ExamPage** 1 year, 7 months ago

Correct Answer is D - Move to dedicated SQL Pool.

Question says to minimize impact. There will definitely be impact on running processes in Stat is updated.

Read and see comments: <https://learn.microsoft.com/en-us/answers/questions/1340374/serverless-sql-is-not-clearing-the-tempdb-after-qu>

upvoted 2 times

 **Cattalin** 1 year, 8 months ago

Selected Answer: A

ChatGPT: To resolve the query issue of the serverless SQL pool in Azure Synapse Analytics while minimizing the impact on users, you should recommend option A: Update the statistics for the serverless SQL pool.

upvoted 1 times

 **PrudenceK** 1 year, 8 months ago

Selected Answer: D

D. Move the data from the serverless SQL pool to a dedicated SQL pool.

upvoted 1 times

🗨️ **sgodd_0298** 1 year, 10 months ago

Selected Answer: A

<https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/develop-tables-statistics#statistics-in-serverless-sql-pool>

upvoted 2 times

🗨️ **DarioReymago** 1 year, 11 months ago

Selected Answer: A

I select A: change the source is not needed. I don't know the sp in C. So updating statistics is the best selection (for example sp_drop_statistics)

upvoted 2 times

🗨️ **LevaG** 1 year, 11 months ago

Option C is the correct solution to resolve the query issue of the serverless SQL pool while minimizing the impact on the users by ChatGPT. By executing the sp_set_process_data_limit stored procedure, the size of tempdb can be controlled, preventing it from being exceeded and causing queries to fail occasionally. This stored procedure limits the amount of data that can be processed by each query, and it can be set at the query level or the session level. This solution is more efficient and cost-effective compared to moving the data from the serverless SQL pool to a dedicated SQL pool or Apache Spark pool. Updating statistics may improve query performance but it is not directly related to the tempdb size issue.

upvoted 2 times

🗨️ **NickWerbung** 1 year, 11 months ago

ChatGPT recommends:

1. Check the size of tempdb
2. Optimize queries
3. Monitor resource usage
4. Increase pool size
5. Consider dedicated SQL pool: If your workload requires more resources than the serverless SQL pool can provide, you may want to consider using a dedicated SQL pool.

upvoted 1 times

🗨️ **whinycarebear** 1 year, 11 months ago

Correct Answer is A but this is the correct link with explanations referring to serverless sql pool: <https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/develop-tables-statistics#statistics-in-serverless-sql-pool>

upvoted 1 times

🗨️ **HN_3532** 2 years ago

shouldn't answer be A?

"How to understand the Tempdb Usage and what are ways to fix this :

Ensure table statistics are created and kept up to date. "

<https://www.linkedin.com/pulse/what-making-azure-synapse-dw-dedicated-pool-tempdb-reaching-mishra/>

upvoted 1 times

🗨️ **manolet** 1 year, 11 months ago

Read question carefully. They are asking about serverless pool, not dedicated.

upvoted 1 times

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Overview -

Contoso, Ltd. is a company that sells enriched financial data to a variety of external customers.

Contoso has a main office in Los Angeles and two branch offices in New York and Seattle.

Existing Environment -

Data Infrastructure -

Contoso has a 50-TB data warehouse that uses an instance of SQL Server on Azure Virtual Machines.

The data warehouse populates an Azure Synapse Analytics workspace that is accessed by the external customers. Currently, the customers can access all the data.

Contoso has one Power BI workspace named FinData that contains a single dataset. The dataset contains financial data from around the world. The workspace is used by 10 internal users and one external customer. The dataset has the following two data sources: the data warehouse and the Synapse Analytics serverless SQL pool.

Users frequently query the Synapse Analytics workspace by using Transact-SQL.

User Problems -

Contoso identifies the following user issues:

Some users indicate that the visuals in Power BI reports are slow to render when making filter selections.

Users indicate that queries against the serverless SQL pool fail occasionally because the size of tempdb has been exceeded.

Users indicate that the data in Power BI reports is stale. You discover that the refresh process of the Power BI model occasionally times out.

Planned Changes -

Contoso plans to implement the following changes:

Into the existing Power BI dataset, integrate an external data source in JSON that is accessible by using the REST API.

Build a new dataset in the FinData workspace by using data from the Synapse Analytics dedicated SQL pool.

Provide all the customers with their own Power BI workspace to create their own reports. Each workspace will use the new dataset in the FinData workspace.

Implement subscription levels for the customers. Each subscription level will provide access to specific rows of financial data.

Deploy prebuilt datasets to Power BI to simplify the query experience of the customers.

Provide internal users with the ability to incorporate machine learning models loaded to the dedicated SQL pool.

You need to recommend a solution for the customer workspace to support the planned changes.

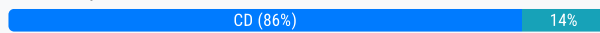
Which two configurations should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Publish the financial data to the web.
- B. Configure the FinData workspace to use a Power BI Premium capacity.
- C. Grant the Build permission for the financial data to each customer.
- D. Set Use datasets across workspaces to Enabled.

Suggested Answer: BD

Community vote distribution



nbagchi Highly Voted 2 years, 2 months ago

I think correct answer is C,D

Question mentions- 'Provide all the customers with their own Power BI workspace to create their own reports. Each workspace will use the new dataset in the FinData workspace.' Since customers will create their own reports, they will need access to the underlying dataset, so Build permissions will have to be provided.

upvoted 12 times

Cococo 1 year, 9 months ago

Agree - CD - "When you create a report in Power BI Desktop, the data in that report is stored in a data model. When you publish a report to the Power BI service, the data model is also published to the service as a dataset at the same time. When you share the report with others, you can give them Build permission for the dataset that the report is built on, so they can discover and reuse it for their own reports, dashboards, etc."

upvoted 2 times

dev2dev Most Recent 1 year, 10 months ago

Selected Answer: AB

A and B

Requirement is to make findata available for everyone.

upvoted 1 times

DarioReymago 1 year, 10 months ago

Selected Answer: CD

correct answer is C,D

upvoted 1 times

NickWerbung 1 year, 11 months ago

I think it is B and D.

Don't they all need at least a power bi pro licence in order to read the data / and share it?

In order to share it with users with free licenses, designers need to publish that content to a group workspace backed by a Premium capacity.

Premium capacity provides the benefit of unlimited content sharing.

Is it really possible to "set use datasets across workspaces to Enabled"? Where is that option.

upvoted 2 times

Lesucks 1 year, 10 months ago

<https://learn.microsoft.com/en-us/power-bi/connect-data/service-datasets-admin-across-workspaces>

upvoted 1 times

MaxExams 2 years, 1 month ago

I think the answer is BD

"You discover that the refresh process of the Power BI model occasionally times out"

For Power BI Pro workspaces, data refreshes must complete in less than 2 hours. On Premium, the limit is 5 hours so B would a solution.

They are now going to provide customers access to their own workspace (meaning they haven't already) Hence D - "Use Datasets across workspaces" needs to be enabled.

People do not build permission, but looking at the question, they seem to already have this access so it isn't something that would be included in the solution which is what the question is asking.

upvoted 4 times

MaxExams 2 years, 1 month ago

People do need* build permissions

upvoted 1 times

taza31 2 years, 1 month ago

correct answer is C,D

upvoted 3 times

🗨️ 👤 **Az301301X** 2 years, 2 months ago

Selected Answer: CD

I agree. I would go for C and D.

upvoted 2 times

🗨️ 👤 **Saffar** 2 years, 2 months ago

Selected Answer: CD

it should be C,D

upvoted 3 times

🗨️ 👤 **Saffar** 2 years, 2 months ago

it should be C,D

upvoted 2 times

🗨️ 👤 **MICC** 2 years, 2 months ago

I believe it should be C,D,

In PBI Admin portal, Tenant settings --> Workspace settings --> Use datasets across workspaces

it requires users have the required Build permission when enabling "use datasets across workspaces"

upvoted 4 times

HOTSPOT -

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Implement subscription levels for the customers. Each subscription level will provide access to specific rows of financial data.

Deploy prebuilt datasets to Power BI to simplify the query experience of the customers.

Provide internal users with the ability to incorporate machine learning models loaded to the dedicated SQL pool.

You need to build a Transact-SQL query to implement the planned changes for the internal users.

How should you complete the Transact-SQL query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
DECLARE @model varbinary(max) = (  
    SELECT native_model_object  
    FROM ml_models  
    WHERE model_name = 'rxLinMod'  
    AND model_version = 'v1');  
SELECT d.*, p.*  
FROM [ ] (MODEL = @model, DATA = dbo.rx_linMod as lm)
```

- EVALUATE
- PIVOT
- PREDICT
- SCORE

```
go [ ] (model_outcome float, trade_volume float, price_Pred float) as p;
```

- AS
- CONTAINS
- FROM
- GROUP BY
- WITH

Answer Area

```
DECLARE @model varbinary(max) = (  
    SELECT native_model_object  
    FROM ml_models  
    WHERE model_name = 'rxLinMod'  
    AND model_version = 'v1');  
SELECT d.*, p.*  
FROM [ ] (MODEL = @model, DATA = dbo.rx_linMod as lm)
```

Suggested Answer:

- EVALUATE
- PIVOT
- PREDICT
- SCORE

```
go [ ] (model_outcome float, trade_volume float, price_Pred float) as p;
```

- AS
- CONTAINS
- FROM
- GROUP BY
- WITH

nbagchi Highly Voted 2 years, 2 months ago

Correct

upvoted 8 times

MohsenSic Most Recent 1 year, 8 months ago

there is no d in the query, and d.* should be ml.* see here <https://learn.microsoft.com/en-us/sql/t-sql/queries/predict-transact-sql?view=sql-server-ver16>

upvoted 3 times

dev2dev 1 year, 10 months ago

that Go keyword is misspelled it seems

upvoted 1 times

DarioReymago 1 year, 10 months ago

coooooorect!

upvoted 1 times

Imoleayo 2 years, 1 month ago

Predict.,with

upvoted 3 times

stfglv 2 years, 1 month ago

Good association: WITH --> determining data type or other ways to define data scheme

upvoted 1 times

DRAG DROP -

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Overview -

Existing environment -

Litware, Inc. is a retail company that sells outdoor recreational goods and accessories. The company sells goods both online and its stores located in six countries.

Azure Resources -

Litware has the following Azure resources:

An Azure Synapse Analytics workspace named synapseworkspace1

An Azure Data Lake Storage Gen2 account named datalake1 that is associated with synapseworkspace1

A Synapse Analytics dedicated SQL pool named SQLDW

Dedicated SQL Pool -

SQLDW contains a dimensional model that contains the following tables.

Name	Relevant column	Description
dbo.Customer	CustomerKey, CustomerID, CustomerEmail	The table currently contains 250,000 rows. Each row identifies a unique customer.
dbo.Product	ProductKey, ProductID, ProductName, ProductCategory, IsActive	The table currently contains 2,500 rows. Each row identifies a unique product.
dbo.Date	Date, Month, Year	The table currently contains 3,653 rows. Each row identifies a unique date.
dbo.SalesTransactions	CustomerKey, ProductKey, SalesDate, SalesChannelKey, SalesAmount, QuantitySold	The table currently contains 75 million rows. Each row identifies the purchase of a single product in a sales transaction.
dbo.SalesChannel	SalesChannelKey, SalesChannel	The table currently contains two rows to identify whether a sale occurred online or in a store.

SQLDW contains the following additional tables.

Name	Relevant column	Description
MLModel	Model, Model_Name	The table contains a machine learning model named PredictPurchase that predicts the likelihood of customers purchasing a specific product based on their past purchases.
CustomersWithProductScore	CustomerID, CustomerEmail, ProductID, ProductName, Score	The Score column contains the results from calling the predictive model.

SQLDW contains a view named dbo.CustomerPurchases that creates a distinct list of values from dbo.Customer [customerID], dbo.Customer [CustomerEmail], dbo.Product [ProductID] and dbo.Product [ProductName].

The sales data in SQLDW is updated every 30 minutes. Records in dbo.SalesTransactions are updated in SQLDW up to three days after being created. The records do NOT change after three days.

Power BI -

Litware has a new Power BI tenant that contains an empty workspace named Sales Analytics.

All users have Power BI Premium per user licenses.

IT data analytics are workspace administrators. The IT data analysts will create datasets and reports.

A single imported dataset will be created to support the company's sales analytics goals. The dataset will be refreshed every 30 minutes.

Requirements -

Analytics Goals -

Litware identifies the following analytics goals:

Provide historical reporting of sales by product and channel over time.

Allow sales managers to perform ad hoc sales reporting with minimal effort.

Perform market basket analysis to understand which products are commonly purchased in the same transaction.

Identify which customers should receive promotional emails based on their likelihood of purchasing promoted products.

Litware plans to monitor the adoption of Power BI reports over time. The company wants custom Power BI usage reporting that includes the percent change of users that view reports in the Sales Analytics workspace each month.

Security Requirements -

Litware identifies the following security requirements for the analytics environment:

All the users in the sales department and the marketing department must be able to see Power BI reports that contain market basket analysis and data about which customers are likely to purchase a product.

Customer contact data in SQLDW and the Power BI dataset must be labeled as Sensitive. Records must be kept of any users that use the sensitive data.

Sales associates must be prevented from seeing the CustomerEmail column in Power BI reports.

Sales managers must be prevented from modifying reports created by other users.

Development Process Requirements

Litware identifies the following development process requirements:

SQLDW and datalake1 will act as the development environment. Once feature development is complete, all entities in synapseworkspace1 will be promoted to a test workspace, and then to a production workspace.

Power BI content must be deployed to test and production by using deployment pipelines.

All SQL scripts must be stored in Azure Repos.

The IT data analysts prefer to build Power BI reports in Synapse Studio.

You need to create the customized Power BI usage reporting. The Usage Metrics Report dataset has already been created. The solution must minimize development and administrative effort.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

From powerbi.com, create a new report from the Usage Metrics Report dataset in the Sales Analytics workspace.

From Power BI Desktop, open the **Usage Metrics Report** dataset in the Sales Analytics workspace.

Request access to the Power BI audit logs.

Add visuals to the report.

Add a report measure.

Publish the report to the Sales Analytics workspace.

Answer Area



Answer Area

From powerbi.com, create a new report from the Usage Metrics Report dataset in the Sales Analytics workspace.

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Add visuals to the report.

Publish the report to the Sales Analytics workspace.



Suggested Answer:

  **Ndz** Highly Voted 2 years, 2 months ago

Pretty sure you can't create a measure in PBI Service yeah?
upvoted 12 times

  **Bob5379** Highly Voted 2 years, 2 months ago

should use Power BI Desktop to create measure
upvoted 9 times

  **stfglv** 2 years, 1 month ago

Additionally, if the first step is done in PBI service and so are the consequent two, than the last step to publish it would make no sense considering you never downloaded it to PBI Desktop and made any changes there. In short, the first step is definitely done in PBI Desktop.
upvoted 2 times

  **Deloro** Most Recent 1 year, 5 months ago

seems correct:

Litware plans to monitor the adoption of Power BI reports over time. The company wants custom Power BI usage reporting that includes the percent change of users that view reports in the Sales Analytics workspace each month.
so measure needs to be created (can do that only in desktop)

add to visuals

publish

upvoted 1 times

  **SamuComqi** 1 year, 6 months ago

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:



- From Power BI Desktop, open the Usage Metrics Report dataset in the Sales Analytics workspace

- Add a report measure

- Add visuals to the report

- Publish the report to the Sales Analytics workspace

upvoted 8 times

  **Eltooth** 1 year, 8 months ago

PBI Desktop

Add measure

Add visuals

Publish

upvoted 3 times

  **AlanMont** 1 year, 9 months ago

We need to start with Power BI Desktop. We can check this in the second option of this documentation. <https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-usage-metrics#about-the-usage-metrics-report>

"Connect to the dataset from Power BI Desktop."

upvoted 2 times

  **DarioReymago** 1 year, 10 months ago

it said the metrics has already done, in fact is not necessary create it. but with these options:

from PBI descktop

add report measures (it already exist, is not necessary)

add visuals

publish

upvoted 2 times

🗨️ 👤 **JuLio82** 2 years ago

it was on my exam, there is only the Power Bi desktop option

upvoted 3 times

🗨️ 👤 **taza31** 2 years, 1 month ago

For me

1. from PBI Desktop open the dataset 2. add measure 3. add visuals 4. publish

<https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-usage-metrics>

Connect to the dataset from Power BI Desktop. For every workspace, the dataset has the name "Report Usage Metrics Model." See Establish a connection to a published dataset for details.

upvoted 4 times

🗨️ 👤 **stfglv** 2 years, 1 month ago

Based on other comments re. creating measure exclusively in PBID (which are correct) the answer sequence should be 1. from PBI Desktop open the dataset 2. add measure 3. add visuals 4. publish

upvoted 1 times

🗨️ 👤 **moreinva43** 2 years, 2 months ago

A measure can not be created in Power Bi service. <https://community.powerbi.com/t5/Service/How-to-create-a-new-measure-in-Power-bi-service/td-p/2249943>

upvoted 4 times

🗨️ 👤 **JasonVu** 2 years, 3 months ago

Correct Answer

upvoted 3 times

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Litware plans to monitor the adoption of Power BI reports over time. The company wants custom Power BI usage reporting that includes the percent change of users that view reports in the Sales Analytics workspace each month.

Security Requirements -

Litware identifies the following security requirements for the analytics environment:

All the users in the sales department and the marketing department must be able to see Power BI reports that contain market basket analysis and data about which customers are likely to purchase a product.

Customer contact data in SQLDW and the Power BI dataset must be labeled as Sensitive. Records must be kept of any users that use the sensitive data.

Sales associates must be prevented from seeing the CustomerEmail column in Power BI reports.

Sales managers must be prevented from modifying reports created by other users.

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Litware identifies the following development process requirements:

SQLDW and datalake1 will act as the development environment. Once feature development is complete, all entities in synapseworkspace1 will be promoted to a test workspace, and then to a production workspace.

Power BI content must be deployed to test and production by using deployment pipelines.

All SQL scripts must be stored in Azure Repos.

The IT data analysts prefer to build Power BI reports in Synapse Studio.

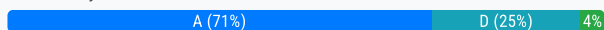
You need to configure the Sales Analytics workspace to meet the ad hoc reporting requirements.

What should you do?

- A. Grant the sales managers the Build permission for the existing Power BI datasets.
- B. Grant the sales managers admin access to the existing Power BI workspace.
- C. Create a deployment pipeline and grant the sales managers access to the pipeline.
- D. Create a PBIT file and distribute the file to the sales managers.

Suggested Answer: D

Community vote distribution



Bob5379 Highly Voted 2 years, 2 months ago

A is Correct, Template file will require data loading and will lead to separate Power BI dataset and reports. To minimize the effort, should give users build access to existing dataset.

upvoted 12 times

cherious 2 years, 2 months ago

Totally agree

upvoted 3 times

Saffar Highly Voted 2 years, 1 month ago

Selected Answer: A

I think it should be "A". Build permission for the existing Power BI datasets. This will reduce the effort for managers, more secure than template which will lead to different dataset/refresh cycle, etc. They can create their own reports from same dataset and have nothing to do with allowing them to change the dataset or any other reports.

upvoted 8 times

🗨️ **TheSwedishGuy** Most Recent 1 year, 4 months ago

ChatGPT says A

upvoted 1 times

🗨️ **SamuComqi** 1 year, 6 months ago

Selected Answer: A

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was "Grant the sales managers the Build permission for the existing Power BI datasets."

upvoted 3 times

🗨️ **MohsenSic** 1 year, 8 months ago

Selected Answer: A

I think A is the correct one and the next step is azure synapse is <https://techcommunity.microsoft.com/t5/educator-developer-blog/how-to-connect-azure-synapse-to-power-bi-for-data-visualization/ba-p/3614555>

upvoted 1 times

🗨️ **PrudenceK** 1 year, 8 months ago

Selected Answer: C

By creating a deployment pipeline, you can establish a controlled and standardized process for promoting Power BI content from the development environment to the test and production workspaces. Granting the sales managers access to the pipeline allows them to deploy their own ad hoc reports while adhering to the development process requirements. This ensures that the reports go through the proper testing and production stages.

upvoted 1 times

🗨️ **asyia** 1 year, 9 months ago

Correct Answer :

C. Create a deployment pipeline and grant the sales managers access to the pipeline.

Explanation:

Creating a deployment pipeline is a recommended approach to deploy Power BI content to different environments, such as the test and production workspaces. By setting up a deployment pipeline, you can ensure a standardized and automated process for deploying Power BI reports and dashboards. Granting sales managers access to the pipeline allows them to initiate and manage the deployment of Power BI content themselves, enabling ad hoc reporting with minimal effort. This empowers sales managers to access the necessary reports and perform ad hoc analysis as per their requirements, without needing direct access to the development or production workspaces.

upvoted 2 times

🗨️ **DarioReymago** 1 year, 10 months ago

Selected Answer: A

I will set Admin role to Manager and readers for the rest to avoid other edit or modify reports

upvoted 1 times

🗨️ **DarioReymago** 1 year, 10 months ago

Sorry answer B

upvoted 2 times

🗨️ **GHill1982** 1 year, 11 months ago

Selected Answer: A

I agree that A is the correct answer

upvoted 1 times

🗨️ **solref** 1 year, 11 months ago

Selected Answer: A

The requirement is regarding to the "workspace" so, it clearly the "A". Building permission allow them to create reports without affecting the previous one and you could avoid additional effort.

Link : <https://learn.microsoft.com/en-us/power-bi/connect-data/service-datasets-build-permissions>

upvoted 3 times

🗨️ **Review66** 2 years ago

I would choose A

upvoted 2 times

🗨️ 👤 **Az301301X** 2 years, 2 months ago

Selected Answer: D

It says: "Sales managers must be prevented from modifying reports created by other users." So, a PBIT (...a template) would do the trick. So, D.

upvoted 6 times

🗨️ 👤 **cookiemonster42** 2 years, 1 month ago

1. Using the Build feature, users would still be creating their own separate reports and individual reports will be unaffected.
2. Business requirements says a single imported dataset will be used and refreshed every 30 minutes.
3. For ad-hoc reporting, it is not recommended to distribute pbit files among all a long lisy of users.

Hence, Build permissions is the most feasible answer I can think of.

upvoted 2 times

🗨️ 👤 **you5uf** 2 years, 2 months ago

Sales associates must be prevented from seeing the CustomerEmail column in Power BI reports.

Sales managers must be prevented from modifying reports created by other users.

The feasibility Says PBIT to comply with 1st point

upvoted 3 times

🗨️ 👤 **nbagchi** 2 years, 2 months ago

Correct

Check this link for more info: <https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-templates>

upvoted 4 times

DRAG DROP -

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Existing environment -

Litware, Inc. is a retail company that sells outdoor recreational goods and accessories. The company sells goods both online and its stores located in six countries.

Azure Resources -

Litware has the following Azure resources:

An Azure Synapse Analytics workspace named synapseworkspace1

An Azure Data Lake Storage Gen2 account named datalake1 that is associated with synapseworkspace1

A Synapse Analytics dedicated SQL pool named SQLDW

Dedicated SQL Pool -

SQLDW contains a dimensional model that contains the following tables.

Name	Relevant column	Description
dbo.Customer	CustomerKey, CustomerID, CustomerEmail	The table currently contains 250,000 rows. Each row identifies a unique customer.
dbo.Product	ProductKey, ProductID, ProductName, ProductCategory, IsActive	The table currently contains 2,500 rows. Each row identifies a unique product.
dbo.Date	Date, Month, Year	The table currently contains 3,653 rows. Each row identifies a unique date.
dbo.SalesTransactions	CustomerKey, ProductKey, SalesDate, SalesChannelKey, SalesAmount, QuantitySold	The table currently contains 75 million rows. Each row identifies the purchase of a single product in a sales transaction.
dbo.SalesChannel	SalesChannelKey, SalesChannel	The table currently contains two rows to identify whether a sale occurred online or in a store.

SQLDW contains the following additional tables.

Name	Relevant column	Description
MLModel	Model, Model_Name	The table contains a machine learning model named PredictPurchase that predicts the likelihood of customers purchasing a specific product based on their past purchases.
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The sales data in SQLDW is updated every 30 minutes. Records in dbo.SalesTransactions are updated in SQLDW up to three days after being created. The records do NOT change after three days.

Power BI -

Litware has a new Power BI tenant that contains an empty workspace named Sales Analytics.

All users have Power BI Premium per user licenses.

IT data analytics are workspace administrators. The IT data analysts will create datasets and reports.

A single imported dataset will be created to support the company's sales analytics goals. The dataset will be refreshed every 30 minutes.

Requirements -

Analytics Goals -

Litware identifies the following analytics goals:

Provide historical reporting of sales by product and channel over time.

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Power BI content must be deployed to test and production by using deployment pipelines.

All SQL scripts must be stored in Azure Repos.

The IT data analysts prefer to build Power BI reports in Synapse Studio.

You need to implement object-level security (OLS) in the Power BI dataset for the sales associates.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

From Power BI Desktop, publish the dataset to the Sales Analytics workspace.

From Power BI Desktop, add a table filter to the role.

From Power BI Desktop, create a role for the sales associates.

From Tabular Editor, set Object Level Security to **None** for the Customer[Email] column and save the changes.

From Tabular Editor, set Object Level Security to **None** for the Customer table and save the changes.



Answer Area

From Power BI Desktop, create a role for the sales associates.

Suggested Answer:

From Tabular Editor, set Object Level Security to **None** for the Customer[Email] column and save the changes.

From Power BI Desktop, publish the dataset to the Sales Analytics workspace.

  **nbagchi** Highly Voted 2 years, 2 months ago

Correct

For more info check: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-ols?tabs=table>



upvoted 15 times

  **bb120kg** Most Recent 1 year, 1 month ago

Chatgpt-4 says :

1. Create a role
2. Add a table or filter
3. Publish

upvoted 1 times

  **Lolus** 1 year, 6 months ago

It should be-

- 1.Create a role
2. Add a table and filter
- 3.Set OLS to None for Customer Email column

Why are we skipping the add table and filter stage?

upvoted 2 times

  **DarioReymago** 1 year, 10 months ago

correctcorrect

upvoted 2 times

  **DarioReymago** 1 year, 10 months ago

but I will publish the report, not the dataset

upvoted 1 times

  **solref** 1 year, 11 months ago

it is OK :)

upvoted 1 times

  **solref** 1 year, 11 months ago


It is right !

upvoted 1 times

  **Hongzu13** 2 years ago


It's the only logical sequence to perform that action. The answer is correct.

upvoted 1 times

  **stfglv** 2 years, 1 month ago

correct. For more info check: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-ols?tabs=table>

upvoted 2 times

  **lhueghian** 9 months, 3 weeks ago

Read, correct and thanks for the link

upvoted 1 times

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All SQL scripts must be stored in Azure Repos.

The IT data analysts prefer to build Power BI reports in Synapse Studio.

You need to recommend a solution to ensure that sensitivity labels are applied. The solution must minimize administrative effort.

Which three actions should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. From the Power BI Admin portal, set Allow users to apply sensitivity labels for Power BI content to Enabled.
- B. From the Power BI Admin portal, set Apply sensitivity labels from data sources to their data in Power BI to Enabled.
- C. In SQLDW, apply sensitivity labels to the columns in the Customer and CustomersWithProductScore tables.
- D. In the Power BI datasets, apply sensitivity labels to the columns in the Customer and CustomersWithProductScore tables.
- E. From the Power BI Admin portal, set Make certified content discoverable to Enabled.

Suggested Answer: ADE

Community vote distribution

ABC (100%)

 **cherious** Highly Voted 2 years, 2 months ago

Selected Answer: ABC

ABC is correct.

D - you can't apply sensitivity labels to columns in power bi dataset

E - certification has nothing to do with sensitivity

upvoted 13 times

 **DarioReymago** 1 year, 10 months ago

c - sensitive label cannot be applied in SQL

upvoted 3 times

🗨️ **fdsdgxcvbsdfshhfg** 1 year, 10 months ago

Azure SQL provides a feature called "Data Classification" that allows you to apply sensitivity labels to your data. Data Classification allows you to discover, classify, label, and report on sensitive data in your Azure SQL databases.

To apply sensitivity labels in Azure SQL, you need to follow these steps:

Enable the Data Discovery & Classification feature in Azure SQL.

Create a sensitivity label or use an existing one that aligns with your data classification requirements.

Apply the sensitivity label to the database or tables in the Azure SQL instance.

Use the sensitivity labels to control access to sensitive data, monitor and audit access to sensitive data, and apply data protection policies.

By applying sensitivity labels to your data in Azure SQL, you can ensure that sensitive data is identified, classified, and protected. This can help you comply with various data protection regulations and protect your organization from data breaches.

<https://learn.microsoft.com/en-us/azure/azure-sql/database/data-discovery-and-classification-overview?view=azuresql>
upvoted 1 times

🗨️ **MohsenSic** 1 year, 8 months ago

In the Power BI service, sensitivity labels can be applied to datasets, reports, dashboards, and dataflow. <https://learn.microsoft.com/en-us/power-bi/enterprise/service-security-sensitivity-label-overview#introduction>
upvoted 2 times

🗨️ **KWaleed** Highly Voted 2 years, 2 months ago

D cannot be true, as Power BI allows to apply just one label to the entire dataset/report. We can't apply a label to each table inside the PBI dataset
upvoted 6 times

🗨️ **KWaleed** 2 years, 2 months ago

It should be A, B, C
upvoted 6 times

🗨️ **SamuComqi** Most Recent 1 year, 6 months ago

Selected Answer: ABC

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.
My answer was:

- From the Power BI Admin portal, set Allow users to apply sensitivity labels for Power BI content to Enabled.
- From the Power BI Admin portal, set Apply sensitivity labels from data sources to their data in Power BI to Enabled.
- In SQLDW, apply sensitivity labels to the columns in the Customer and CustomersWithProductScore tables.

upvoted 3 times

🗨️ **AlanMont** 1 year, 9 months ago

Selected Answer: ABC

A- <https://learn.microsoft.com/pt-br/power-bi/enterprise/service-security-enable-data-sensitivity-labels#enable-sensitivity-labels>

B- <https://learn.microsoft.com/pt-br/power-bi/admin/service-admin-portal-information-protection#apply-sensitivity-labels-from-data-sources-to-their-data-in-power-bi-preview>

C- <https://learn.microsoft.com/pt-br/azure/purview/create-sensitivity-label#benefits-of-labeling-in-microsoft-purview>

upvoted 1 times

🗨️ **MahiDebo** 1 year, 11 months ago

A. From the Power BI Admin portal, set Allow users to apply sensitivity labels for Power BI content to Enabled. This will allow users to apply sensitivity labels to their reports and datasets.

B. From the Power BI Admin portal, set Apply sensitivity labels from data sources to their data in Power BI to Enabled. This will ensure that any sensitivity labels applied to the data source will be carried over to the Power BI content.

D. In the Power BI datasets, apply sensitivity labels to the columns in the Customer and CustomersWithProductScore tables. This will ensure that the sensitivity labels are applied to the specific columns within the Power BI dataset.

Therefore, the correct actions to include in the recommendation are A, B, and D.

Option C is incorrect because sensitivity labels should be applied in Power BI, not in SQLDW. Option E is also incorrect as it is not related to sensitivity labels.

upvoted 1 times

🗨️ 👤 **manolet** 1 year, 11 months ago

You can't apply sensitivity labels to columns

upvoted 2 times

🗨️ 👤 **Review66** 2 years ago

A, B, D.

C is not correct because sensitive label cannot be applied in SQL db

E is for certify datasets not for labeling.

upvoted 1 times

🗨️ 👤 **fdsdfgxcvbsfshfg** 1 year, 10 months ago

<https://learn.microsoft.com/en-us/sql/t-sql/statements/add-sensitivity-classification-transact-sql?view=sql-server-ver16>

upvoted 1 times

🗨️ 👤 **dera23** 2 years ago

A, B and E is the correct answer. You cannot apply labels to columns.

upvoted 1 times

🗨️ 👤 **cookiemonster42** 2 years, 1 month ago

A, D and E

upvoted 1 times

🗨️ 👤 **cookiemonster42** 2 years, 1 month ago

Changed my mind it's A, B and D

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-security-apply-data-sensitivity-labels>

upvoted 1 times

🗨️ 👤 **nbagchi** 2 years, 2 months ago

Not sure.

Since the requirement mentions reducing administrative efforts, I would have thought that inheritance from data sources makes more sense. I would have selected B,C,E maybe.

Check here: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-security-sensitivity-label-inheritance-from-data-sources>

upvoted 4 times

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All SQL scripts must be stored in Azure Repos.

The IT data analysts prefer to build Power BI reports in Synapse Studio.

How should you configure the Power BI dataset refresh for the dbo.SalesTransactions table?

- A. an incremental refresh of Product where the ModifiedDate value is during the last three days.
- B. an incremental refresh of dbo.SalesTransactions where the SalesDate value is during the last three days.
- C. a full refresh of all the tables
- D. an incremental refresh of dbo.SalesTransactions where the SalesDate value is during the last hour.

Suggested Answer: B

Community vote distribution

B (100%)

 **nbagchi** Highly Voted 2 years, 2 months ago

Correct

Company requirements stated 'Records in dbo.SalesTransactions are updated in SQLDW up to three days after being created. The records do NOT change after three days.'

upvoted 7 times

 **SamuComqi** Most Recent 1 year, 6 months ago

Selected Answer: B

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was "an incremental refresh of dbo.SalesTransactions where the SalesDate value is during the last three days."

upvoted 2 times

 **DarioReymago** 1 year, 10 months ago

Selected Answer: B


it is BBB

upvoted 2 times

  **robinHH** 2 years, 1 month ago

I would agree. But the easiest sol

upvoted 1 times

  **robinHH** 2 years, 1 month ago

ution would be to do the full-load

upvoted 1 times

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Overview -

Existing environment -

Litware, Inc. is a retail company that sells outdoor recreational goods and accessories. The company sells goods both online and its stores located in six countries.

Azure Resources -

Litware has the following Azure resources:

An Azure Synapse Analytics workspace named synapseworkspace1

An Azure Data Lake Storage Gen2 account named datalake1 that is associated with synapseworkspace1

A Synapse Analytics dedicated SQL pool named SQLDW

Dedicated SQL Pool -

SQLDW contains a dimensional model that contains the following tables.

Name	Relevant column	Description
dbo.Customer	CustomerKey, CustomerID, CustomerEmail	The table currently contains 250,000 rows. Each row identifies a unique customer.
dbo.Product	ProductKey, ProductID, ProductName, ProductCategory, IsActive	The table currently contains 2,500 rows. Each row identifies a unique product.
dbo.Date	Date, Month, Year	The table currently contains 3,653 rows. Each row identifies a unique date.
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SQLDW contains the following additional tables.

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The sales data in SQLDW is updated every 30 minutes. Records in dbo.SalesTransactions are updated in SQLDW up to three days after being created. The records do NOT change after three days.

Power BI -

Litware has a new Power BI tenant that contains an empty workspace named Sales Analytics.

All users have Power BI Premium per user licenses.

IT data analytics are workspace administrators. The IT data analysts will create datasets and reports.

A single imported dataset will be created to support the company's sales analytics goals. The dataset will be refreshed every 30 minutes.

Requirements -

Analytics Goals -

Litware identifies the following analytics goals:

Provide historical reporting of sales by product and channel over time.

Allow sales managers to perform ad hoc sales reporting with minimal effort.

Perform market basket analysis to understand which products are commonly purchased in the same transaction.

Identify which customers should receive promotional emails based on their likelihood of purchasing promoted products.

Litware plans to monitor the adoption of Power BI reports over time. The company wants custom Power BI usage reporting that includes the percent change of users that view reports in the Sales Analytics workspace each month.

Security Requirements -

Litware identifies the following security requirements for the analytics environment:

All the users in the sales department and the marketing department must be able to see Power BI reports that contain market basket analysis and data about which customers are likely to purchase a product.

Customer contact data in SQLDW and the Power BI dataset must be labeled as Sensitive. Records must be kept of any users that use the sensitive data.

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Development Process Requirements

Litware identifies the following development process requirements:

SQLDW and datalake1 will act as the development environment. Once feature development is complete, all entities in synapseworkspace1 will be promoted to a test workspace, and then to a production workspace.

Power BI content must be deployed to test and production by using deployment pipelines.

All SQL scripts must be stored in Azure Repos.

The IT data analysts prefer to build Power BI reports in Synapse Studio.


What should you configure in the deployment pipeline?

- A. a selective deployment
- B. auto-binding
- C. a backward deployment
- D. a data source rule

Suggested Answer: D

Community vote distribution

D (100%)

 **olgix** 1 year, 5 months ago

Selected Answer: D

D is the proper answer

upvoted 1 times

 **SamuComqi** 1 year, 6 months ago

Selected Answer: D

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was "a data source rule"

upvoted 1 times

 **Samuel77** 1 year, 8 months ago

D is correct

upvoted 1 times

🗨️ 👤 **TSalmanov** 1 year, 9 months ago

D is correct. As it is mentioned in the case study ALL entities in synapseworkspace1 will be promoted to a test workspace, and then to a production workspace. --> we need to set up data source rule in order for data source entity not stay the same as in development environment but changed to the production environment. Step 5 - create deployment rules <https://learn.microsoft.com/en-us/power-bi/create-reports/deployment-pipelines-get-started#step-5---create-deployment-rules-optional>

upvoted 4 times

🗨️ 👤 **fdsdfgxcvbsfhshfg** 1 year, 10 months ago

None of these are correct.

We need a linked service in Synapse Studio to actually develop reports there

upvoted 1 times

🗨️ 👤 **DarioReymago** 1 year, 10 months ago

is DDDD

upvoted 1 times

🗨️ 👤 **moreinva43** 2 years, 2 months ago

I read the article, why is it not selective deployment, where we can pick which ones we want to deploy?

upvoted 1 times

🗨️ 👤 **ivanb94** 2 years, 2 months ago

Because the requirement states that: Once feature development is complete, ALL entities in synapseworkspace1 will be promoted to a test workspace, and then to a production workspace. --> if all will be promoted, selective deployment would not make sense

upvoted 4 times

🗨️ 👤 **nbagchi** 2 years, 2 months ago

I think it's correct

Check this for more info: <https://learn.microsoft.com/en-us/power-bi/create-reports/deployment-pipelines-get-started#step-4---create-deployment-rules>

upvoted 3 times

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All SQL scripts must be stored in Azure Repos.

The IT data analysts prefer to build Power BI reports in Synapse Studio.

You need to populate the CustomersWithProductScore table.

How should you complete the stored procedure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
DECLARE @model  = (  
    BIT  
    FLOAT  
    NVARCHAR(1000)  
    VARBINARY(max)  
  
    SELECT model  
    FROM MLModel  
    WHERE model_name = 'PredictPurchase'  
    );  
INSERT INTO CustomersWithProductScore (  
    CustomerID  
    , CustomerEmail  
    , ProductID  
    , ProductName  
    , Score  
    )  
SELECT d.CustomerID  
    , d.CustomerEmail  
    , d.ProductID  
    , d.ProductName  
    , p.score  
FROM PREDICT (MODEL = @model, DATA =  AS d)  
  
    WITH (score FLOAT) AS p;
```

Answer Area

Suggested Answer:

```
DECLARE @model  = (  
    BIT  
    FLOAT  
    NVARCHAR(1000)  
    VARBINARY(max)  
  
    SELECT model  
    FROM MLModel  
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    );  
INSERT INTO CustomersWithProductScore (  
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    , CustomerEmail  
    , ProductID  
    , ProductName  
    , Score  
    )  
SELECT d.CustomerID  
    , d.CustomerEmail  
    , d.ProductID  
    , d.ProductName  
    , p.score  
FROM PREDICT (MODEL = @model, DATA =  AS d)  
  
    WITH (score FLOAT) AS p;
```

Bob5379 Highly Voted 2 years, 2 months ago

VARBINARY(MAX)

CustomPurchases

To generate predict with model, the input data should come from customer purchase history.

<https://learn.microsoft.com/en-us/sql/t-sql/queries/predict-transact-sql?preserve-view=true&view=azure-sqldw-latest>

upvoted 27 times

🗨️ **dev2dev** 1 year, 10 months ago
Just a typo, its CustomerPurchases (its a view as per the question)
upvoted 1 times

🗨️ **DarioReymago** 2 years ago
I'm agree
upvoted 1 times

🗨️ **SamuComqi** Highly Voted 1 year, 6 months ago
I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.
My answer was:
- VARBINARY(max)
- dbo.CustomerPurchases
upvoted 6 times

🗨️ **solref** Most Recent 1 year, 11 months ago
VARBINARY(MAX) : this data type holds variable-length binary data. Use this type when the data is expected to vary in size.
CustomPurchases: It is the only with the data required and you can not insert data in a table from the same table, it doesnt have sense

<https://learn.microsoft.com/en-us/sql/t-sql/queries/predict-transact-sql?view=sql-server-ver16>
upvoted 4 times

🗨️ **BitwiseLS** 2 years, 1 month ago
The column Score is coming from the model, not the SQL View.
So the view is CustomPurchases.
By the way CustomersWithProductScore is populated in the SQL statement, so better not to read from it as well.
upvoted 4 times

🗨️ **eekman** 2 years, 1 month ago
VARBINARY(MAX) as models are stored as binary: <https://learn.microsoft.com/en-us/sql/t-sql/queries/predict-transact-sql?view=sql-server-ver16#combining-predict-with-an-insert-statement>
CustomersWithProductScore: the only table that contains all columns listed as 'd'
upvoted 6 times

🗨️ **Cococo** 1 year, 9 months ago
there is a view with all these 4 columns under D alias - "SQLDW contains a view named dbo.CustomerPurchases that creates a distinct list of values from dbo.Customer [customerID], dbo.Customer [CustomerEmail], dbo.Product [ProductID] and dbo.Product [ProductName]"
upvoted 4 times

🗨️ **taza31** 2 years, 1 month ago
VARBINARY(MAX)
CustomPurchases
upvoted 4 times

🗨️ **Saffar** 2 years, 2 months ago
I think the answer is correct.
The ML Model output is float,
and the field listed for customerID,Email, productName and score are listed in the case study under dbo.CustomersWithProductScore
upvoted 3 times

🗨️ **AshwinN1992** 2 years, 2 months ago
PLease anyone confirm
upvoted 1 times

🗨️ **AshwinN1992** 2 years, 2 months ago
Please comment
upvoted 1 times

🗨️ **AshwinN1992** 2 years, 2 months ago
why custompurchases?It should be productscore
upvoted 3 times

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All SQL scripts must be stored in Azure Repos.

The IT data analysts prefer to build Power BI reports in Synapse Studio.

You need to create a measure to count orders for the market basket analysis.

How should you complete the DAX expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

BasketsWithProducts =

VAR CountBaskets =
SUMX (SUMMARIZE (Sales,), 1)

- Customer[CustomerKey]
- SalesTransactions[CustomerKey]
- SalesTransactions[Order Number]
- SalesTransactions[ProductKey]

VAR BasketsWithAndProducts =

CALCULATABLE(
INTERSECT(
KEEPFILTERS(
)

SUMMARIZE (SalesTransactions, SalesTransactions[OrderNumber]),
REMOVEFILTERS ('Product'),
REMOVEFILTERS (SalesTransactions[ProductKey]),
USERELATIONSHIP (SalesTransactionsp[ProductKey], 'And Product' [And ProductKey])
)

VAR BasketsWithBothProducts =

CALCULATE ([CountBaskets], KEEPFILTERS (BasketsWithAndProducts))

VAR RemoveEmpty =

IF (
ISEMPTY (

CROSSJOIN(
INTERSECT(
KEEPFILTERS(
)

DISTINCT ('Product' [ProductKey]),
DISTINCT ('And Product' [And ProductKey])
)

),
[BasketsWithBothProducts]

)
RETURN
RemoveEmpty

Answer Area

```
BasketsWithProducts =  
VAR CountBaskets =  
    SUMX (SUMMARIZE ( Sales, [Dropdown], 1)
```

```
Customer[CustomerKey]  
SalesTransactions[CustomerKey]  
SalesTransactions[Order Number]  
SalesTransactions[ProductKey]
```

```
VAR BasketsWithAndProducts =
```

```
[Dropdown]  
CALCULATE(  
CALCULATABLE(  
INTERSECT(  
KEEPFILTERS(  
[Dropdown]
```

```
SUMMARIZE ( SalesTransactions, SalesTransactions[OrderNumber] ),  
REMOVEFILTERS ( 'Product' ),  
REMOVEFILTERS ( SalesTransactions[ProductKey] ),  
USERELATIONSHIP ( SalesTransactions[ProductKey], 'And Product' [And ProductKey] )  
)
```

Suggested Answer:

```
VAR BasketsWithBothProducts =  
    CALCULATE ( [CountBaskets], KEEPFILTERS ( BasketsWithAndProducts ) )
```

```
VAR RemoveEmpty =
```

```
IF (  
ISEMPTY (  
[Dropdown]
```

```
CALCULATETABLE(  
CROSSJOIN(  
INTERSECT(  
KEEPFILTERS(  
[Dropdown]
```

```
DISTINCT ( 'Product' [ProductKey] ),  
DISTINCT ( 'And Product' [And ProductKey] )  
)
```

```
),  
[BasketsWithBothProducts]  
)
```

```
RETURN  
RemoveEmpty
```

moreinva43 Highly Voted 2 years, 2 months ago

This is a very similar example. <https://www.daxpatterns.com/basket-analysis/#:~:text=The%20Basket%20analysis%20pattern%20builds,the%20name%20of%20this%20pattern.>
upvoted 10 times

stfglv 2 years, 1 month ago

and it confirms the that the provided answer is correct. Thanks for the link!
upvoted 3 times

hoss29 Most Recent 1 year, 7 months ago

Correct. I have a little doubt though as per the last variable RemoveEmpty, shouldn't be 'NOT IS EMPTY' in lieu of 'ISEMPTY' ? so when it returns True, the variable will return the [BasketsWithBothProducts]
upvoted 1 times

fdsdgxcvbsdfshfg 1 year, 10 months ago

is RemoveEmpty really necessary?
upvoted 2 times

DarioReymago 2 years ago

is correct
upvoted 1 times

AshwinN1992 2 years, 2 months ago

Is this correct ?
upvoted 3 times

You have a Power BI tenant.

You plan to register the tenant in an Azure Purview account.

You need to ensure that you can scan the tenant by using Azure Purview.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. From the Microsoft 365 admin center, create a Microsoft 365 group.
- B. From the Power BI Admin center, set Allow live connections to Enabled.
- C. From the Power BI Admin center, set Allow service principals to use read-only Power BI admin APIs to Enabled.
- D. From the Azure Active Directory admin center, create a security group.
- E. From the Power BI Admin center, set Share content with external users to Enabled.

Suggested Answer: CD

Community vote distribution

CD (100%)

 **JasonVu** Highly Voted 2 years, 3 months ago

Answer is correct. Reference: <https://learn.microsoft.com/en-us/azure/purview/register-scan-power-bi-tenant?tabs=Scenario1>
upvoted 12 times

 **eekman** Highly Voted 2 years, 1 month ago

Selected Answer: CD

Correct
upvoted 6 times

 **Eltooth** Most Recent 1 year, 9 months ago

Selected Answer: CD

C and D are correct.

<https://learn.microsoft.com/en-us/azure/purview/register-scan-power-bi-tenant?tabs=Scenario1#scan-same-tenant-power-bi-using-azure-ir-and-managed-identity-in-public-network>
upvoted 1 times

You have a Power BI workspace named Workspace1 that contains five dataflows.
You need to configure Workspace1 to store the dataflows in an Azure Data Lake Storage Gen2 account.
What should you do first?

- A. From the Power BI Admin portal, enable tenant-level storage.
- B. Disable load for all dataflow queries.
- C. Delete the dataflow queries.
- D. Change the Data source settings in the dataflow queries.

Suggested Answer: A*Community vote distribution*

C (50%)

A (39%)

11%

🗨️ **ExamPage** Highly Voted 1 year, 7 months ago

Selected Answer: C

The question says to configure the Workspace1....

Answer is C.

Finally, you can connect to any ADLS Gen 2 from the Admin portal, but if you connect directly to a workspace, you must first ensure there are no dataflows in the workspace before connecting.

<https://learn.microsoft.com/en-us/power-bi/transform-model/dataflows/dataflows-azure-data-lake-storage-integration>

upvoted 6 times

🗨️ **Habiba11** 1 year, 6 months ago

says "Finally" so enabling tenant-level storage comes first

upvoted 2 times

🗨️ **nikolgerson** Most Recent 10 months, 2 weeks ago

Selected Answer: C

pre req is to ensure there is no dataflows in the workspace

upvoted 1 times

🗨️ **reemprive** 1 year, 1 month ago

It seems like everyone is missing the word "First". It's A.

upvoted 1 times

🗨️ **Sri966** 1 year, 1 month ago

Selected Answer: A

First in the admin portal the setting has to be enabled

upvoted 2 times

🗨️ **MaryemSB** 1 year, 2 months ago

Selected Answer: C

You have an Azure Synapse Analytics dedicated SQL pool.
You need to ensure that the SQL pool is scanned by Azure Purview.
What should you do first?

- A. Create a data policy.
- B. Create a data share connection.
- C. Search the data catalog.
- D. Register a data source.

Suggested Answer: D

Community vote distribution

D (100%)

🗨️ 👤 **Ramiel** Highly Voted 👍 2 years, 2 months ago

Selected Answer: D

Source: <https://learn.microsoft.com/en-us/azure/purview/register-scan-synapse-workspace?tabs=MI#steps-to-register>
upvoted 8 times

🗨️ 👤 **gerryboy** Most Recent 🕒 1 year, 6 months ago

Selected Answer: D

best answer
upvoted 1 times

🗨️ 👤 **SamuComqi** 1 year, 6 months ago

Selected Answer: D

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.
My answer was "Register a data source."
upvoted 2 times

🗨️ 👤 **Eltooth** 1 year, 9 months ago

Selected Answer: D

D is correct answer.
upvoted 1 times

🗨️ 👤 **nbagchi** 2 years, 2 months ago

Correct
upvoted 2 times

You have a deployment pipeline for a Power BI workspace. The workspace contains two datasets that use import storage mode. A database administrator reports a drastic increase in the number of queries sent from the Power BI service to an Azure SQL database since the creation of the deployment pipeline.

An investigation into the issue identifies the following:

One of the datasets is larger than 1 GB and has a fact table that contains more than 500 million rows.

When publishing dataset changes to development, test, or production pipelines, a refresh is triggered against the entire dataset.

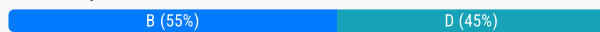
You need to recommend a solution to reduce the size of the queries sent to the database when the dataset changes are published to development, test, or production.

What should you recommend?

- A. Turn off auto refresh when publishing the dataset changes to the Power BI service.
- B. In the dataset, change the fact table from an import table to a hybrid table.
- C. Enable the large dataset storage format for workspace.
- D. Create a dataset parameter to reduce the fact table row count in the development and test pipelines.

Suggested Answer: B

Community vote distribution



PrudenceK Highly Voted 1 year, 8 months ago

Selected Answer: B

B is correct: By changing the fact table from an import table to a hybrid table, you can leverage the benefits of DirectQuery storage mode for the fact table. With DirectQuery, the data remains in the Azure SQL database, and Power BI sends queries directly to the database when users interact with the report. This approach can significantly reduce the amount of data transferred between Power BI and the Azure SQL database.
upvoted 8 times

TheSwedishGuy 1 year, 4 months ago

ChatGPT agrees with you. So I'll go with you and ChatGPT.
upvoted 2 times

nbagchi Highly Voted 2 years, 2 months ago

Correct

For more info, check: <https://powerbi.microsoft.com/en-za/blog/announcing-public-preview-of-hybrid-tables-in-power-bi-premium/>
upvoted 5 times

ivanb94 2 years, 2 months ago

I also agree with B mostly bc with D I don't see how we justify working with less rows in development and production. Usually you want more data at these stages, not less, to make sure what you've developed primarily applies to more/different data.
upvoted 2 times

ivanb94 2 years, 2 months ago

*test and production, sorry
upvoted 3 times

Sri966 Most Recent 1 year, 1 month ago

Selected Answer: B

B is the simple and correct answer
upvoted 1 times

Akin_Eren 1 year, 2 months ago

Selected Answer: B

I think it's B as well; as DirectQuery option would be best for such a huge table. D option does not cover solution for production environment
upvoted 1 times

bigdave987 1 year, 5 months ago

Selected Answer: B

You need to recommend a solution to reduce the size of the queries sent to the database when the dataset changes are published to development, test, or production.

PRODUCTION being the key word here.

D. Create a dataset parameter to reduce the fact table row count in the development and test pipelines. - does NOT reduce queries for the production environment.

Correct answer is B
upvoted 1 times

🗨️ 👤 **Hisayuki** 1 year, 5 months ago

Selected Answer: B

With DirectQuery for Fact table
upvoted 1 times

🗨️ 👤 **Deloro** 1 year, 5 months ago

Selected Answer: D

d
applied this to clients already
If you publish a report with large dataset it will take forever.
limit the tables to for example top 5 rows with a parameter
deploy
and in the service turn the parameter off (set to false) and the data is refreshed in the service and you wont publish a large dataset
upvoted 1 times

🗨️ 👤 **Alborz** 1 year, 7 months ago

Selected Answer: D

By creating a dataset parameter that can dynamically filter or reduce the fact table's row count during development and testing pipelines, you can limit the amount of data that needs to be refreshed and processed. This can help in reducing the load on the database during these pipeline runs and optimize the performance.
upvoted 1 times

🗨️ 👤 **ExamPage** 1 year, 7 months ago

Correct Answer : B

<https://data-mozart.com/hybrid-tables-in-power-bi-the-ultimate-guide/>
upvoted 1 times

🗨️ 👤 **dev2dev** 1 year, 10 months ago

Selected Answer: B

issue identified after the deployment, so this solution is wrong which is only applicable to development and testing. Given answer is correct
upvoted 2 times

🗨️ 👤 **kelibanlangen** 1 year, 10 months ago

the answer is D, pls read the question carefully
"reduce the size of the queries sent to the database when the dataset changes are published to development, test, or production"
upvoted 3 times

🗨️ 👤 **Cococo** 1 year, 9 months ago

Agree, the only option to REDUCE SIZE OF QUERIES is to limit records (there is OR in "are published to development, test, or production", so in any of that), hybrid table will get you the same 500million rows
upvoted 2 times

🗨️ 👤 **Qordata** 1 year, 2 months ago

please the part you have pasted and the answer, you will find the missing part is that answer does not apply to production so therefore it is incorrect
upvoted 1 times

🗨️ 👤 **Az301301X** 1 year, 11 months ago

Selected Answer: D

The issue of a drastic increase in the number of queries sent to an Azure SQL database can be addressed by reducing the amount of data transferred during a dataset refresh. Given that one of the datasets is larger than 1 GB and has a fact table with over 500 million rows, a full refresh of the entire dataset can cause a significant increase in the number of queries sent to the database.

Therefore, to reduce the size of queries sent to the database during dataset refreshes, I would recommend creating a dataset parameter to filter the fact table rows based on a condition. This will enable the development and test pipelines to refresh the dataset with a smaller subset of data, reducing the overall size of the queries sent to the database.

upvoted 5 times

🗨️ 👤 **Az301301X** 1 year, 11 months ago

Answer given by Chat GPT

upvoted 1 times

🗨️ 👤 **AN_78** 1 year, 11 months ago

I disagree. Data in the test environment should be the same as in production, hence you can't reduce number of rows.

For me correct answer is B

upvoted 1 times

🗨️ 👤 **DarioReymago** 1 year, 10 months ago

I prefer B but, the needed but the requirement does not talk about same date in production and test/develop. D could be a solution but we have the issue in production

upvoted 1 times

🗨️ 👤 **dev2dev** 1 year, 10 months ago

issue identified after the deployment, so this solution is wrong which is only applicable to development and testing. Given answer is correct

upvoted 1 times

🗨️ 👤 **dera23** 1 year, 11 months ago

D is correct.

It says that a refresh is always triggered when publishing from one stage to the next, hence changing the refresh mode will not help the situation

upvoted 1 times

🗨️ 👤 **solref** 1 year, 11 months ago

B is correct . You could see this video to know more about Hybrid table benefits

<https://www.youtube.com/watch?v=HckuKYlx8kk>

upvoted 2 times

🗨️ 👤 **DarioReymago** 1 year, 11 months ago

Selected Answer: B

B is correct

upvoted 2 times

🗨️ 👤 **teedot** 1 year, 12 months ago

I believe B is correct since the volume of data going into the test environment should be as close a possible to what will be experienced in production

upvoted 1 times

🗨️ 👤 **MrXBasit** 2 years, 2 months ago

Selected Answer: D

Answer is correct

upvoted 2 times

You have a Power BI Premium capacity.
You need to increase the number of virtual cores associated to the capacity.
Which role do you need?

- A. Power BI workspace admin
- B. capacity admin
- C. Power Platform admin
- D. Power BI admin

Suggested Answer: D

Community vote distribution

D (88%)

9%

🗨️ 👤 **Ramiel** Highly Voted 👍 2 years, 2 months ago

Selected Answer: D

"Power BI admins and global administrators can change Power BI Premium capacity. Capacity admins who are not a Power BI admin or global administrator don't have this option."

Reference: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-manage>
upvoted 20 times

🗨️ 👤 **AT96** Highly Voted 👍 2 years, 3 months ago

To increase the number of virtual cores associated with a Power BI Premium capacity, you need to have the capacity admin role. The capacity admin is responsible for managing the capacity settings, including the number of virtual cores, memory, and other resources allocated to the capacity.
upvoted 7 times

🗨️ 👤 **MohsenSic** 1 year, 8 months ago

I guess Capacity admin is the correct one <https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-manage#setting-up-a-new-capacity-power-bi-premium>
upvoted 1 times

🗨️ 👤 **acsoma** 1 year, 7 months ago

From your link:

Power BI admins and global administrators can change Power BI Premium capacity. Capacity admins who aren't a Power BI admin or global administrator don't have this option.

So correct is D

upvoted 2 times

🗨️ 👤 **contactraj11** Most Recent 🕒 1 year ago

Its D.

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-manage#manage-capacity>

Power BI admins and global administrators can change Power BI Premium capacity. Capacity admins who aren't a Power BI admin or global administrator don't have this option.
upvoted 1 times

🗨️ 👤 **MohsenSic** 1 year, 8 months ago

Selected Answer: B

Sorry I meant B and NOT C

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-manage#setting-up-a-new-capacity-power-bi-premium>
upvoted 1 times

🗨️ 👤 **MohsenSic** 1 year, 8 months ago

Selected Answer: C

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-manage#setting-up-a-new-capacity-power-bi-premium>

upvoted 1 times

🗨️ 👤 **Pib2** 1 year, 8 months ago

Answer D

After you have purchased capacity nodes in Microsoft 365, you set up the capacity in the Power BI admin portal. You manage Power BI Premium capacities in the Capacity settings section of the portal.

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-manage#manage-capacity>

upvoted 1 times

🗨️ 👤 **Eltooth** 1 year, 9 months ago

Selected Answer: D

D is correct.

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-manage#change-capacity-size>

upvoted 2 times

🗨️ 👤 **NickWerbung** 1 year, 12 months ago

ChatGPT says "capacity admin" or "Power BI Premium capacity admin."

upvoted 1 times

🗨️ 👤 **DarioReymago** 1 year, 10 months ago

do not trust a technology that has just been launched

upvoted 1 times

🗨️ 👤 **Iaco96** 2 years ago

"Capacity Admins don't have permissions to create new capacities or scale existing capacities"

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-capacity-manage-gen2>

upvoted 1 times

🗨️ 👤 **taza31** 2 years, 1 month ago

Selected Answer: B

Capacity Admin

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-capacity-manage-gen2>

upvoted 2 times

🗨️ 👤 **cherious** 2 years, 2 months ago

Selected Answer: D

Ramiel has already explained

upvoted 3 times

🗨️ 👤 **6688Wj** 2 years, 2 months ago

Selected Answer: D

Power BI admin

upvoted 4 times

🗨️ 👤 **nbagchi** 2 years, 2 months ago

B is correct as AT96 mentioned

upvoted 1 times

You are attempting to configure certification for a Power BI dataset and discover that the certification setting for the dataset is unavailable. What are two possible causes of the issue? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

- A. The workspace is in shared capacity.
- B. You have insufficient permissions.
- C. Dataset certification is disabled for the Power BI tenant.
- D. The sensitivity level for the dataset is set to Highly Confidential.
- E. Row-level security (RLS) is missing from the dataset.

Suggested Answer: BC

Community vote distribution

BC (100%)

 **solref** Highly Voted 1 year, 11 months ago

BC are ok! For more info : <https://learn.microsoft.com/en-us/power-bi/admin/service-admin-setup-certification>
upvoted 6 times

 **SamuComqi** Most Recent 1 year, 6 months ago

Selected Answer: BC

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- You have insufficient permissions.
- Dataset certification is disabled for the Power BI tenant.

upvoted 1 times

 **DarioReymago** 1 year, 11 months ago

Selected Answer: BC

"...Certification is available only if a Power BI administrator has enabled and configured it for your organization..."

<https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-endorsement-overview#endorsement-overview>

upvoted 2 times

 **teedot** 1 year, 12 months ago

Selected Answer: BC

Tried it in a shared capacity, it worked after enabling certification in Admin tenant settings

upvoted 2 times

 **NickWerbung** 1 year, 12 months ago

ChatGPT says:

The possible causes of the issue described in the question are:

- A. The workspace is in shared capacity.
- B. You have insufficient permissions.

To configure certification for a Power BI dataset, the workspace must be in Power BI Premium capacity. If the workspace is in shared capacity, certification settings will not be available.

Also, to configure certification, you need to have the necessary permissions to create and manage datasets in the workspace. If you have insufficient permissions, certification settings will be unavailable.

Here are the Microsoft documentation links for more information:

- A. Configuring dataset certification in Power BI: <https://docs.microsoft.com/en-us/power-bi/certify/datasets>
- B. Manage workspace access in Power BI: <https://docs.microsoft.com/en-us/power-bi/collaborate-share/service-manage-workspaces>

The other options mentioned in the question, C, D, and E, are not related to the issue of certification settings being unavailable.
upvoted 1 times

🗨️ 👤 **cherious** 2 years, 2 months ago

Selected Answer: BC

BC for sure!

upvoted 3 times

🗨️ 👤 **Maazi** 2 years, 2 months ago

B and C looks correct to me.

Ref: <https://learn.microsoft.com/en-us/power-bi/collaborate-share/service-endorsement-overview>

upvoted 1 times

🗨️ 👤 **KWaleed** 2 years, 2 months ago

Selected Answer: BC

You can read more about it here

<https://www.fourmoo.com/2019/06/25/how-to-setup-and-get-a-certified-dataset-in-powerbi/>

upvoted 2 times

Your company is migrating its current, custom-built reporting solution to Power BI.

The Power BI tenant must support the following scenarios:

40 reports that will be embedded in external websites. The websites control their own security. The reports will be consumed by 50 users monthly.

Forty-five users that require access to the workspaces and apps in the Power BI Admin portal. Ten of the users must publish and consume datasets that are larger than 1 GB.

Ten developers that require Text Analytics transformations and paginated reports for datasets. An additional 15 users will consume the reports.

You need to recommend a licensing solution for the company. The solution must minimize costs.

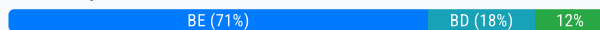
Which two Power BI license options should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. 70 Premium per user
- B. one Premium
- C. 70 Pro
- D. one Embedded
- E. 35 Pro
- F. 35 Premium per user

Suggested Answer: BF

Community vote distribution



cherious Highly Voted 2 years, 2 months ago

Selected Answer: BE

My answer is One Premium and 35 Pro.

Since we need 45 users to have access to the workspaces and apps, 35 Premium Per user would not work because for the Premium Per User workspace content to be accessed we need that all users have Premium Per User. So even if we go for Premium Per User, then we need to purchase it for 70 users.

Also, since we want to publish reports to web and not embed to the app, I would not consider Embedded capacity.

Another important thing is to minimize the cost. We can use Premium capacity for publishing the reports to web, supporting Text Analytics transformations and paginated reports and having dataset more than 1GB.

For the users who will be actively busy with development we can purchase 35 pro licenses (IMO 20 pro account is enough).

upvoted 11 times

Hongzu13 Highly Voted 1 year, 12 months ago

I took the exam the other day, and there is one change to this question as it want's three answers.

I went with

1 Premium

35 Pro

Embedded

I have to say that I am not sure about embedded. But just keep in mind that it is 3 answers and not just 2 in the actual exam

Good luck!

upvoted 6 times

Eltooth 1 year, 8 months ago

Agreed - this is asking for 3 answers.

upvoted 2 times

🗨️ **Sri966** Most Recent 1 year, 1 month ago

Selected Answer: BE

correct

upvoted 1 times

🗨️ **SamuComqi** 1 year, 6 months ago

Selected Answer: BD

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

The questions required three licenses. My answer was:

- one Premium

- one Embedded

- 35 Pro

upvoted 3 times

🗨️ **MohsenSic** 1 year, 8 months ago

Selected Answer: CD

For embedding in external we need to have one embeded.

Regarding the rest:

"With Power BI Pro, you can use all sharing methods except Power BI Embedded (which comes through different licensing options). You can use Simple Sharing, Workspaces, Power BI Apps, and Embed in SharePoint Online. If you have a Power BI Pro license, you can share the reports internally or externally (if allowed by the Power BI Administrator). However, if you share a report with someone else, they must also have a paid Power BI license to view the reports. If you have a pro license and share a report with a free user, they cannot see it unless they upgrade to the pro user or premium per user"

<https://radacad.com/power-bi-licensing-walk-through-guide>

upvoted 1 times

🗨️ **MohsenSic** 1 year, 8 months ago

please delete my comment admin, sorry for the inconvenience,

upvoted 1 times

🗨️ **MashTheWeb** 1 year, 8 months ago

There were three in the actual exam. I selected One Pro

upvoted 1 times

🗨️ **PrudenceK** 1 year, 8 months ago

Selected Answer: CD

As per ChatGPT:

To minimize costs and meet the requirements of the different user scenarios, the recommended Power BI license options would be:

C. 70 Pro: This license option is suitable for the 45 users who require access to workspaces and apps in the Power BI Admin portal. The Pro license provides the necessary capabilities for consuming and interacting with reports and dashboards.

D. one Embedded: This license option is appropriate for the 40 reports that will be embedded in external websites. The websites control their own security, so the Embedded license allows you to embed Power BI content securely within these external sites. With one Embedded license, you can distribute and share the reports across multiple websites.

By combining these two license options, you can cover all the user scenarios while minimizing costs. The 10 developers who require Text Analytics transformations and paginated reports can utilize the Pro licenses, and the additional 15 users who consume the reports can also use the Pro licenses assigned to them.

Therefore, the correct answers are:

C. 70 Pro

D. one Embedded

upvoted 1 times

🗨️ **solref** 1 year, 11 months ago

D and F

Power BI Embedded - This license is designed for users who need to embed reports in external websites or applications. It allows the company to embed up to 40 reports in external websites, and it also supports user-based licensing, which is ideal for the 50 monthly users who will consume the embedded reports.



10 of the users must publish and consume datasets that are larger than 1 GB
+ 10 developers that require Text Analytics transformations and paginated reports for datasets
+Additional 15 users will consume the reports (if they will work with)
--> They need PPU making it a 35 Premium Per User (PPU) license

Others

Free License) As long as your colleagues use Premium capacity workspaces to share content, free users can view and interact with that content. When Free is shown, you can only create content in My Workspace and consume content that is hosted in a Premium workspace.



<https://learn.microsoft.com/en-us/power-bi/consumer/end-user-features>

upvoted 3 times

  **JLMR10** 1 year, 11 months ago



and "Forty-five users that require access to the workspaces and apps in the Power BI Admin portal", you arent giving them a solution no???

upvoted 1 times

  **solref** 1 year, 11 months ago



People with the licenses could share the reports and apps, and the 45 could access without license

upvoted 1 times

  **solref** 1 year, 11 months ago

<https://learn.microsoft.com/en-us/power-bi/consumer/end-user-features> read it please and obtain your own conclusions ;)



upvoted 1 times

  **solref** 1 year, 11 months ago

"...45 users require access to the workspaces and apps in the Power BI Admin portal.

->(Free License) As long as your colleagues use Premium capacity workspaces to share content, free users can view and interact with that content. When Free is shown, you can only create content in My Workspace and consume content that is hosted in a Premium workspace.

upvoted 1 times

  **teedot** 1 year, 12 months ago

1 premium, 1 embedded, 20 pro least cost

upvoted 1 times

  **NickWerbung** 1 year, 12 months ago

ChatGPT says:

The recommended Power BI license options for the given scenarios are:

B. One Premium license for the developers who require Text Analytics transformations and paginated reports, and for the ten users who must publish and consume datasets that are larger than 1 GB.

D. One Embedded license for the 40 reports that will be embedded in external websites. This license provides the necessary capacity for embedding the reports and can be controlled by the websites' security.

Both options are cost-effective as they provide the necessary features and capacities while minimizing costs.

Here are the Microsoft documentation links for more information:

B. Power BI Premium: <https://docs.microsoft.com/en-us/power-bi/admin/service-premium-what-is>

D. Power BI Embedded: <https://docs.microsoft.com/en-us/power-bi/developer/embedded/embedded-faq>

upvoted 1 times

  **dididu92** 2 years ago

My answer is One premium and 35 PRO (actually 20 PRO would have been enough)

Ten of the users must publish and consume datasets that are larger than 1 GB. (Premium)

Ten developers that require Text Analytics transformations and paginated reports for datasets. (Pro license for developers)

An additional 15 users will consume the reports. (not relevant if we have Premium capacity)

upvoted 1 times

  **JuLio82** 2 years ago

should be, one premium, 35 Pro and 35 Premium per user.

upvoted 3 times

🗨️ 👤 **Tranter** 1 year, 9 months ago

if we consider that Users with PPU capacity subscriptions can't share content with users who have a Pro or free license BF would be correct
upvoted 1 times

🗨️ 👤 **JuLio82** 2 years ago

There is an error, the exam says THREE answers, so all the discussion is INCORRECT
upvoted 3 times

🗨️ 👤 **Top21** 2 years ago

I sat for this exam today but when I saw this question I was asked to select three answers and not two.

Please review the question and answers

upvoted 3 times

🗨️ 👤 **Madiba_kaka** 2 years, 1 month ago

premium vs embedded -

<https://www.bluegranite.com/blog/choosing-between-pbi-premium-or-embedded>

upvoted 1 times

🗨️ 👤 **master_artyom1983** 2 years, 1 month ago

I think Embedded capacity will be enough (there is no restriction 1GB).

Users with Power BI Embedded capacity can access the workspaces and apps that they have been granted access to by the administrator of the tenant or the workspace.

With Power BI Embedded capacity you can give your end users access to report, dashboards and tiles that are embedded in your app. The access to the workspaces and apps depends on the way the capacity is being used and the permissions being granted by the administrator.

For example, if the Power BI Embedded capacity is being used to create an ISV (Independent Software Vendor) app, the app creator may have access to a specific set of workspaces and apps, and their customers may have access to a different set of workspaces and apps. Additionally, the administrator of the tenant can control the access to the workspaces and apps and can assign roles to the users with different level of permissions, such as view, edit and admin access.

And also it's much more cheaper than Premium.

upvoted 1 times

🗨️ 👤 **MeisterD** 2 years, 2 months ago

I think Pro is necessary only if we are assuming that there are premium workspaces set up. However, the language is that "10 of the users must publish and consume datasets larger than 1 GB" which refers to capabilities without configuration.

upvoted 1 times

You have two Power BI reports named Report1 and Report2.

Report1 connects to a shared dataset named Dataset1.

Report2 connects to a local dataset that has the same structure as Dataset1. Report2 contains several calculated tables and parameters.

You need to prepare Report2 to use Dataset1.

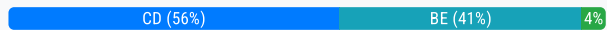
Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Remove the data source permissions.
- B. Delete all the Power Query Editor objects.
- C. Modify the source of each query.
- D. Update all the parameter values.
- E. Delete all the calculated tables.

Suggested Answer: CD

Community vote distribution



AT96 Highly Voted 2 years, 3 months ago

CORRECT ANSWER IS: CE

Modify the source of each query: You need to modify the source of each query in Report2 to use Dataset1 as the data source, instead of the local dataset. This will ensure that Report2 uses the data from Dataset1, rather than the data from the local dataset.

Delete all the calculated tables: Report2 contains several calculated tables that were based on the local dataset. These calculated tables will no longer be valid when using Dataset1 as the data source, so you should delete them.

upvoted 12 times

ivanb94 2 years, 2 months ago

I agree with C and your explanation for it but I would be hesitant to choose E bc calculated columns absolutely can work if the dataset has the same structure meaning same column names and data types. The calculation will work on the dataset 1 data just as it worked on dataset2 if all elements of the formula for the calculated column stay the same. Therefore I would go with D as the second answer.

upvoted 10 times

cherious Highly Voted 2 years, 2 months ago

Selected Answer: BE

You just need to remove all the queries in the PQ and delete calculated tables. You are not able to modify queries to connect Power BI Dataset. Also, when you connect to Power BI Dataset and after that go to Power Query, there is 0 queries, nothing is displayed. Plus, in the question there is no indication that we need the calculated tables and parameters, so no problem with deleting them. We just need to move to dataset1

upvoted 8 times

Sri966 Most Recent 1 year, 1 month ago

Selected Answer: CD

Correct in exam perspective

upvoted 1 times

Qordata 1 year, 6 months ago

Selected Answer: BE

A. Incorrect: As removing dataset permissions would generate errors while refreshing data. Local dataset needs to be removed from Report2

B. Correct: As you need to prepare report for shared dataset which would work as live connection so all power query objects should be deleted

C. As we need to delete the power query objects and in shared dataset there is a live connection with all the tables in that dataset modifying the source of each PQ object/query is irrelevant

D. Incorrect: There is no mention of power query parameters so seems irrelevant with scenario posted in the question

Correct: When you are building a report based of shared Dataset you can not use calculated tables (6:35 of video

https://www.youtube.com/watch?v=ENZm_7jWU4Q) so they would need to be deleted. Also I tried it myself and with shared dataset under modelling new table option is disabled

upvoted 2 times

SamuComqi 1 year, 6 months ago

Selected Answer: CD

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Modify the source of each query.
 - Update all the parameter values
- upvoted 5 times

Alborz 1 year, 7 months ago

Selected Answer: CD

Option C: This involves updating the source of each query in Report2 to point to the shared dataset Dataset1

Option D: If Report2 has parameters that are specific to its local dataset, you should update these parameters to match the parameters of Dataset1.

upvoted 3 times

MohsenSic 1 year, 8 months ago

I think the question has three correct answers, We need to change source this is a fact, Also PQ and calculated columns are not available in shared dataset.

The connection to a Power BI dataset won't be shown in Power Query.

<https://learn.microsoft.com/en-us/power-bi/transform-model/desktop-composite-models>

also see here regarding above:

<https://community.fabric.microsoft.com/t5/Desktop/Can-not-use-Power-Query-with-a-shared-dataset/td-p/2090909>

While you're using Power Bi Shared dataset, you can create measures but you will not be able to create a new column or do any such changes in your report as it derives its properties and data from the source dataset.

<https://community.fabric.microsoft.com/t5/Service/Help-needed-with-shared-datasets-and-limitations-of-live/mp/2386845#:~:text=While%20you're%20using%20Power,data%20from%20the%20source%20dataset.>

Same thing here: video time 6:35

<https://radacad.com/power-bi-licensing-walk-through-guide>

upvoted 2 times

ameer989 1 year, 8 months ago

Selected Answer: CE

How can you connect to the new data sources without modifying the existing sources

upvoted 1 times

manolet 1 year, 10 months ago

You connect to a shared dataset using a live connection. Therefore you can not use PQ.

upvoted 1 times

ThariCD 1 year, 10 months ago

Selected Answer: CD

You can modify the source for each query and the calculated tables are automatically updated if the underlying source is changed provided the structure is still the same in the new data source.

upvoted 1 times

DarioReymago 1 year, 11 months ago

Selected Answer: CD

C and D are correct

upvoted 2 times

solref 1 year, 11 months ago

C and D are OK

upvoted 2 times

Az301301X 1 year, 11 months ago

Selected Answer: CD

The correct answers are C and D.

Explanation:

To prepare Report2 to use Dataset1, you need to modify the queries' source to point to Dataset1 and update the parameter values accordingly. Therefore, you should perform the following actions:

C. Modify the source of each query: You need to update the source of each query in Report2 to point to Dataset1 instead of the local dataset. To do this, open Power Query Editor in Report2, select each query, and then update the data source to use Dataset1.

D. Update all the parameter values: If Report2 contains any parameters, you need to update their values to match the parameters in Report1 that connect to Dataset1. To do this, go to the "Manage Parameters" dialog box in Report2 and update the parameter values to match those in Report1.

upvoted 3 times

🗨️ 👤 **Az301301X** 1 year, 11 months ago

A, B, and E are incorrect:

A. Removing data source permissions will not help prepare Report2 to use Dataset1.

B. Deleting all the Power Query Editor objects would also not be useful as you would need to recreate the objects anyway.

E. Deleting all calculated tables is not necessary. Instead, you should update the calculated tables' source to point to Dataset1, just like you did with the queries.

upvoted 2 times

🗨️ 👤 **Az301301X** 1 year, 11 months ago

BTW: Answers given by CHAT GPT

upvoted 1 times

🗨️ 👤 **Qordata** 1 year, 6 months ago

Agree with A

Disagree with B.

Shared dataset there is no object in power query it is a live connection to published dataset and question says you need to prepare Report2 to use shared Dataset1 so you need to delete all the power query editor objects

Disagree with C

When you are building a report of shared Dataset you can not use calculated tables (6:35 of video https://www.youtube.com/watch?v=ENZm_7jWU4Q) so they would need to be deleted.

upvoted 1 times

🗨️ 👤 **dididu92** 2 years ago

Answer is CORRECT (C& D)

You need to prepare Report2 to use Dataset1. It never says you need to make Report 1 to be the same as Report1. You do not need to delete the calculated tables or parameters, you just need to update the values.

upvoted 1 times

🗨️ 👤 **eekman** 2 years, 1 month ago

Selected Answer: BE

I would go for B and E based on this blog:

<https://technologyblog.rsmus.com/data-analytics/power-bi-datasets-changing-your-data-source/>

upvoted 1 times

🗨️ 👤 **6688Wj** 2 years, 2 months ago

I choose AC

upvoted 1 times

🗨️ 👤 **Bob5379** 2 years, 2 months ago

BE,

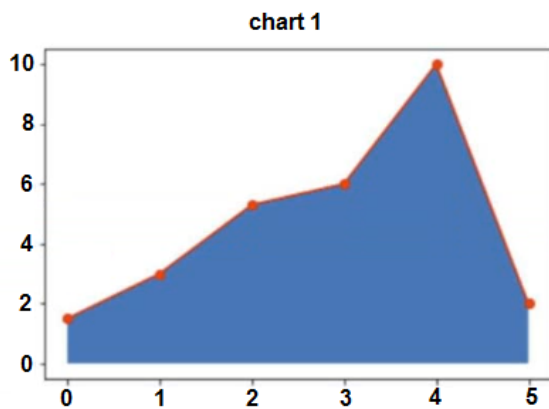
If you connect to a Power BI dataset, you cannot connect other sources at the same time. To connect a Power BI dataset, you must first remove all existing connections in Power Query and Calculated Table & Measure

upvoted 4 times

HOTSPOT -

You have an Azure Synapse notebook.

You need to create the visual shown in the following exhibit.



How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
import matplotlib.pyplot as plt
x = [0, 1, 2, 3, 4, 5]
y = [1.5, 3, 5.3, 6, 10, 2]
plt.plot(x, y, '-o', color='red')
plt. (x, y)
plt. ('chart 1', fontweight='bold')
plt.show()
```

Answer Area

Suggested Answer:

```
import matplotlib.pyplot as plt
x = [0, 1, 2, 3, 4, 5]
y = [1.5, 3, 5.3, 6, 10, 2]
plt.plot(x, y, '-o', color='red')
plt. (x, y)
plt. ('chart 1', fontweight='bold')
plt.show()
```

Ndz Highly Voted 2 years, 2 months ago

I ran the code locally. The answer is correct.
upvoted 9 times

jl234 Most Recent 1 year, 4 months ago

Tried the difference between plotting fill and fill_between.

fill_between will get the plot as shown in the question, while using fill will get a plot with y axis starts from 2.

So, the answer is fill_between and suptitle.

upvoted 2 times

🗉 **orionduo** 1 year, 6 months ago

```
plt.fill_between(x,y)
```

```
plt.suptitle('chart 1', fontweight = 'bold')
```

The answer is correct. I have tested in Python.

upvoted 1 times

🗉 **Pib2** 1 year, 8 months ago

https://matplotlib.org/stable/api/_as_gen/matplotlib.pyplot.fill.html

Notes

Use fill_between() if you would like to fill the region between two curves.

Answer is fill not fill_between

upvoted 2 times

🗉 **DarioReymago** 1 year, 11 months ago

is ok .fill_between & suptitle

upvoted 3 times

🗉 **master_artiom1983** 2 years, 2 months ago

Correct

```
import matplotlib.pyplot as plt
```

```
x = [0,1,2,3,4,5]
```

```
y = [1.5,3,5,3,6,10,2]
```

```
plt.plot(x,y,'-o', color = 'red')
```

```
plt.fill_between(x,y)
```

```
plt.suptitle('chart 1', fontweight = 'bold')
```

```
plt.show()
```

upvoted 4 times

🗉 **AshwinN1992** 2 years, 2 months ago

Please confirm the correct answer

upvoted 2 times

You use an Apache Spark notebook in Azure Synapse Analytics to filter and transform data.
You need to review statistics for a DataFrame that includes:

The column name -

The column type -

The number of distinct values -

Whether the column has missing values

Which function should you use?

- A. `displayHTML()`
- B. `display(df, summary=true)`
- C. `%%configure`
- D. `display(df)`
- E. `%%lsmagic`

Suggested Answer: B

Community vote distribution

B (100%)

 **AT96** Highly Voted 2 years, 3 months ago

Correct answer
upvoted 7 times

 **Maazi** 2 years, 2 months ago

True, B is correct

Ref: <https://learn.microsoft.com/en-us/azure/synapse-analytics/spark/apache-spark-data-visualization>
upvoted 5 times

 **metiii** Most Recent 1 year, 3 months ago

Selected Answer: B

Today I took this exam and there was a question with some similarities to this one. The question was something like this:
What information does this function give us: `display(df, summary=true)`?

There were 6 choices and we had to choose three, these are the correct answers:

Type, Missing & Unique

The only other thing that this function gives us is the column's name.

<https://learn.microsoft.com/en-us/fabric/data-engineering/notebook-visualization#displaydf-summary-view>


upvoted 3 times

 **orionduo** 1 year, 6 months ago

Correct answer.

You can use `display(df, summary = true)` to check the statistics summary of a given Apache Spark DataFrame that include the column name, column type, unique values, and missing values for each column. You can also select on specific column to see its minimum value, maximum value, mean value and standard deviation.

upvoted 1 times

 **Tranter** 1 year, 9 months ago

i retract my previous answer `sns.pairplot(iris, hue="species")`
upvoted 1 times

 **DarioReymago** 1 year, 10 months ago

Selected Answer: B

B Correct answer
upvoted 2 times

HOTSPOT -

You are using an Azure Synapse notebook to create a Python visual.

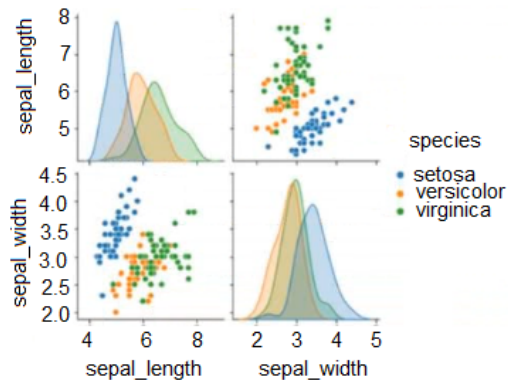
You run the following code cell to import a dataset named Iris.

```
iris = sns.load_dataset("iris")
iris.head()
```

A sample of the data is shown in the following table.

index	sepal_length	sepal_width	species
0	5.1	3.5	setosa
2	4.9	3	setosa
145	6.7	3	virginica
156	6.3	2.5	virginica

You need to create the visual shown in the exhibit. (Click the Exhibit tab.)



How should you complete the Python code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
sns. [dropdown] (iris, hue= [dropdown], height=2.5)
plt.show()
```

Answer Area

Suggested Answer:

```
sns. [dropdown] (iris, hue= [dropdown], height=2.5)
plt.show()
```

nbagchi Highly Voted 2 years, 2 months ago

pairplot and species

upvoted 27 times

Tranter 1 year, 9 months ago

There are 2 species in the table so if we use hue = species then we should get 2 different colors , to get 3 different colors we have to use hue=sepal_width for the 3 different colors

upvoted 1 times

JimmyC 1 year, 8 months ago

Look at the visual... there are 3 species listed on the right

upvoted 4 times

Ramiel Highly Voted 2 years, 2 months ago

Pairplot
Species

Reference: <https://seaborn.pydata.org/generated/seaborn.pairplot.html>
upvoted 10 times

🗉 👤 **Akin_Eren** Most Recent 1 year, 2 months ago
pair_plot and species
upvoted 1 times

🗉 👤 **SamuComqi** 1 year, 6 months ago
I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.
My answer was:
- pairplot
- species
upvoted 2 times

🗉 👤 **Eltooth** 1 year, 8 months ago
Pairplot
Species
upvoted 1 times

🗉 👤 **Jaison007** 1 year, 9 months ago
Species not width
upvoted 1 times

🗉 👤 **solref** 1 year, 11 months ago
Pairplot and Species
<https://seaborn.pydata.org/generated/seaborn.pairplot.html>
upvoted 3 times

🗉 👤 **DarioReymago** 1 year, 11 months ago
yes I think is pairplot and species
upvoted 1 times

🗉 👤 **Mirtise** 2 years ago
pairplot and species
upvoted 2 times

🗉 👤 **eekman** 2 years, 1 month ago
pairplot and species.
Species because 'hue' specifies to split on color per species.
upvoted 5 times

You are creating a Power BI single-page report.

Some users will navigate the report by using a keyboard, and some users will navigate the report by using a screen reader.

You need to ensure that the users can consume content on a report page in a logical order.

What should you configure on the report page?

- A. the X position
- B. the bookmark order
- C. the layer order
- D. the tab order

Suggested Answer: D

Community vote distribution

D (100%)

AT96 **Highly Voted** 2 years, 3 months ago

correct answer

upvoted 10 times

[Removed] **Most Recent** 11 months, 2 weeks ago

Selected Answer: D

Correct

upvoted 1 times

SamuComqi 1 year, 6 months ago

Selected Answer: D

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- the tab order

upvoted 1 times

Eltooth 1 year, 8 months ago

Selected Answer: D

D is correct answer.

upvoted 1 times

TSalmanov 1 year, 9 months ago

D is correct

<https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports#tab-order>

upvoted 3 times

DarioReymago 1 year, 10 months ago

Selected Answer: D

correct answer

upvoted 2 times

HOTSPOT -

You have an Azure Synapse workspace named Workspace1.

You need to use PySpark in a notebook to read data from a SQL pool as an Apache Spark DataFrame and display the top five rows.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
val spark_read =  (s "$sql_pool_name.dbo.PublicHoliday")
  spark.read.load
  spark.read.parquet
  spark.read.sqlanalytics
```


```
 (5, truncate = false)
  spark_read.describe().show
  spark_read.show
  spark_read.take
```

Answer Area

Suggested Answer:


```
val spark_read =  (s "$sql_pool_name.dbo.PublicHoliday")
  spark.read.load
  spark.read.parquet
  spark.read.sqlanalytics
```

```
 (5, truncate = false)
  spark_read.describe().show
  spark_read.show
  spark_read.take
```


-  **KWaleed** Highly Voted 2 years, 2 months ago

spark.read.sqlanalytics() and spark_read.show().


You can see it from the following example notebook <https://github.com/Azure-Samples/Synapse/blob/main/Notebooks/Scala/03%20Read%20and%20write%20from%20SQL%20pool%20table.ipynb>

upvoted 22 times
-  **AT96** Highly Voted 2 years, 3 months ago


Correct answer is .load and .show

upvoted 7 times
-  **Az301301X** 2 years, 2 months ago

honest question: why spark.read.sqlanalytics is wrong?


upvoted 2 times
-  **Chk88** 2 years, 2 months ago

the question pointing to more of a general thing, they did not specify synapse analytics...? thus use the general function


upvoted 1 times
-  **Az301301X** 2 years, 2 months ago

But it says: You have an "Azure Synapse" workspace named Workspace1.

You need to use PySpark in a notebook to read data from a "SQL pool" as an Apache Spark DataFrame and display the top five rows. So, .sqlanalytics should work. Thoughts?



upvoted 2 times
-  **ivanb94** 2 years, 2 months ago

considering the link KWaleed provided, my thought is that the correct answer is definitely spark.read.sqlanalytics() and spark_read.show(). The fact that the question text emphasizes the Azure Synapse Workspace removes any doubts in my opinion.

upvoted 3 times
-  **dev2dev** 1 year, 10 months ago

indeed the code snippet is loading from managed table. so, no load but sqlanalytics

upvoted 1 times

  **dev2dev** 1 year, 10 months ago

load is wrong. its for reading directly from storage account.

upvoted 2 times

  **Hisayuki** Most Recent 1 year, 5 months ago

read.sqlanalytics - to read dataframe from SQL

read.load - to read dataframe from files such as parquet

upvoted 1 times

  **orionduo** 1 year, 6 months ago

// Read the table we just created in the sql pool as a Spark dataframe

```
val spark_read = spark.read.
```

```
sqlanalytics(s"$sql_pool_name.dbo.PublicHoliday")
```

```
spark_read.show(5, truncate = false)
```

upvoted 1 times

  **DarioReymago** 1 year, 11 months ago

is load and show, I understand sqlanalytics is a complement wiht tools and constants

upvoted 1 times


  **[Removed]** 2 years, 2 months ago

```
%%pyspark
```

```
df = spark.read.load
```

<https://learn.microsoft.com/en-us/azure/synapse-analytics/get-started-analyze-spark>

upvoted 2 times

  **Bob5379** 2 years, 2 months ago

```
.sqlanalytics or synapsesql
```

```
.show
```

upvoted 3 times

You have a Power BI report that contains the table shown in the following exhibit.

Current Month Returns in USD

Store ID	Store	Returns
6	Leo	\$6,108
5	Fama	\$6,097
13	Contoso	\$5,214
11	Pomum	\$4,968
7	VanArsdel	\$4,964
10	Pirum	\$4,644
2	Aliqui	\$4,479
1	Abbas	\$4,070
8	Natura	\$3,376
14	Victoria	\$2,317
4	Salvus	\$2,296
12	Quibus	\$2,208
3	Barba	\$1,601
Total		\$52,342

The table contains conditional formatting that shows which stores are above, near, or below the monthly quota for returns.

You need to ensure that the table is accessible to consumers of reports who have color vision deficiency.

What should you do?

- A. Add alt text to explain the information that each color conveys.
- B. Change the icons to use a different shape for each color.
- C. Move the conditional formatting icons to a tooltip report.
- D. Remove the icons and use red, yellow, and green background colors instead.

Suggested Answer: A

Community vote distribution

B (72%)

A (28%)

Schwami Highly Voted 2 years, 2 months ago

Selected Answer: B

Answer is B

upvoted 17 times

Maazi Highly Voted 2 years, 2 months ago

I think A is correct.

Ref = <https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>

upvoted 6 times

Chk88 2 years, 2 months ago

Correct, option B is too generic and can be confusing, everyone can have diff perspective of what the shape supposed to me

upvoted 2 times

Ihueghian Most Recent 9 months, 2 weeks ago

I will go for A, because B: While changing icons to different shapes can help differentiate between categories, it doesn't specifically address the accessibility needs of users with color vision deficiency.

upvoted 1 times

LearningUser 1 year, 1 month ago

Selected Answer: B

B is correct

upvoted 1 times

Akin_Eren 1 year, 2 months ago

Selected Answer: B

A is meaningless -- if you have color deficiency and you apply solution on A; then user need to check each row if it is below or up the target -- b option would be nicer and easy to check

upvoted 1 times

🗨️ **Deloro** 1 year, 5 months ago

i would go for B, since A is only applicable to screen readers. it's not mentioned that the customers are only screen reader users ... also in the ms page: use text or icons ... my ideal answer would be A & B but solo I would take B

upvoted 2 times

🗨️ **Alborz** 1 year, 7 months ago

Selected Answer: A

If you change the icon shape to a unique shape for each color, you still need to explain what does that shape mean. This means that you still need the alt text.

So, Alt text would be a better option to choose.

upvoted 2 times

🗨️ **Habibi123** 1 year, 7 months ago

Selected Answer: A

A and B seem right in combination. However B won't work without A - therefor A

upvoted 2 times

🗨️ **segma** 1 year, 8 months ago

Selected Answer: A

The answer is A; it's on the accessibility Doc no brainer

upvoted 3 times

🗨️ **segma** 1 year, 8 months ago

The answer is A; it's on the accessibility Doc no brainer

upvoted 3 times

🗨️ **PrudenceK** 1 year, 8 months ago

Selected Answer: A

Adding alt text provides an alternative textual description for the content that is conveyed through colors. By describing the meaning of each color used in the conditional formatting, users with color vision deficiency can understand the information presented in the table.

Alt text can be added to the table or the individual cells to describe the significance of colors, such as "above quota," "near quota," or "below quota."

Therefore, the correct answer is A. Add alt text to explain the information that each color conveys.

upvoted 2 times

🗨️ **MaryemSB** 1 year, 3 months ago

A says "explain the information that EACH COLOR conveys" means that the person should be able to see the color first !!

upvoted 2 times

🗨️ **Eltooth** 1 year, 8 months ago

Selected Answer: B

B is correct answer.

upvoted 1 times

🗨️ **Pib2** 1 year, 8 months ago

B it should be

upvoted 1 times

🗨️ **ameer989** 1 year, 8 months ago

Selected Answer: A

It's A as they did focus in their models that Alt text is the way of helping color blind users

upvoted 2 times

🗨️ **Kanjati** 1 year, 9 months ago

So if we change the shape we will still have the same colour! A is better by far

upvoted 1 times

🗨️ **dev2dev** 1 year, 10 months ago

Selected Answer: B

This is very tricky. Except D, all are possible solutions.


If User is using screen reader then Alt text is the solution

However, if we change the icon set such as Up/Down/Neutral icons then same message can be easily conveyed.

A tool tip also can be useful but it needs user to move hover.



Looking at all options B and A should be combined so it can be used by as many people as possible including complete blind persons. But if I have to choose only one then I will choose B

upvoted 1 times

  **Simas367** 1 year, 10 months ago

Changing shapes alone would not be enough, you would also need to describe what the shapes mean, while colors are self-descriptive). I am thus leaning towards A as B is not a complete answer

upvoted 2 times

  **dev2dev** 1 year, 10 months ago

shape with color the option says so its correct

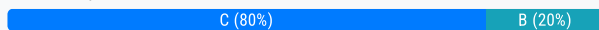
upvoted 1 times

You have a Power BI dataset that has only the necessary fields visible for report development. You need to ensure that end users see only 25 specific fields that they can use to personalize visuals. What should you do?

- A. From Tabular Editor, create a new role.
- B. Configure object-level security (OLS).
- C. From Tabular Editor, create a new perspective.
- D. Hide all the fields in the dataset.

Suggested Answer: C

Community vote distribution



🗨️ **nbagchi** Highly Voted 2 years, 2 months ago

Correct,

Check this link: <https://data-marc.com/2020/08/18/power-bi-visual-customization-using-perspectives>

upvoted 9 times

🗨️ **Chk88** 2 years, 2 months ago

Correct

upvoted 4 times

🗨️ **LearningUser** Most Recent 1 year, 1 month ago

Selected Answer: B

B is the correct answer. Perspectives is wrong answer

upvoted 1 times

🗨️ **Eltooth** 1 year, 8 months ago

Selected Answer: C

C appears to be the logical answer.

upvoted 1 times

🗨️ **Ngol** 2 years, 1 month ago

Selected Answer: C

<https://byobi.wordpress.com/2017/08/09/object-level-security-for-analysis-services-tabular/#:~:text=What%20is%20Object%2DLevel%20Security,hide%20tables%2Fcolumns%20from%20users.>

upvoted 3 times

🗨️ **MM_GG** 2 years, 2 months ago

should the answer not be OLS? because even if you allow personalization, users still would be able to use all fields not just 25, no?

upvoted 1 times

🗨️ **ivanb94** 2 years, 2 months ago

yes, but that is exactly why you use perspectives --> to limit the fields that can be used. nbagchi's link explains it very well

upvoted 2 times

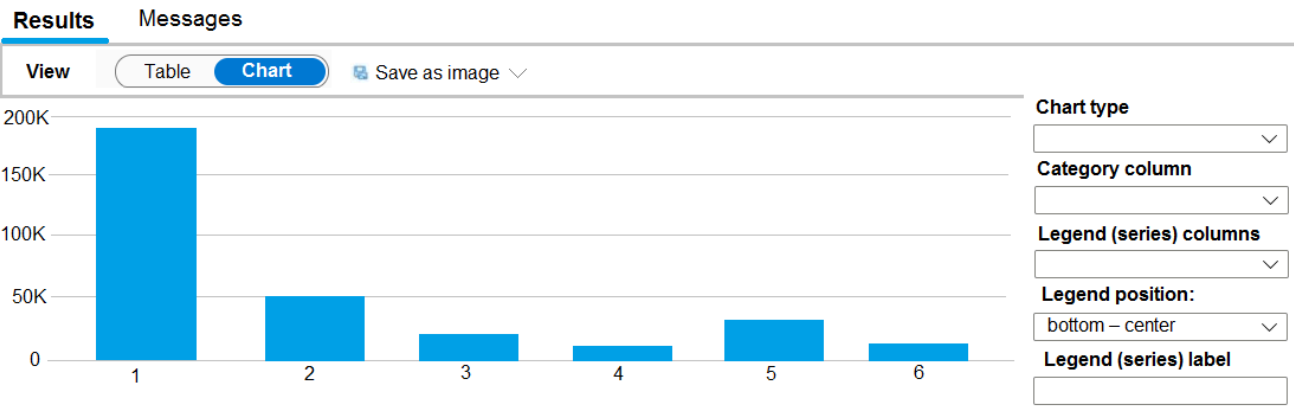
HOTSPOT -

You are using Azure Synapse Studio to explore a dataset that contains data about taxi trips.

You need to create a chart that will show the total trip distance according to the number of passengers as shown in the following exhibit.

```

1 SELECT PassengerCount,
2     SUM(TripDistanceMiles) as SumTripDistance,
3     AVG(TripDistanceMiles) as AvgTripDistance,
4 FROM dbo.NYCTaxiTripSmall
5 WHERE TripDistanceMiles > 0 AND PassengerCount > 0
6 GROUP BY PassengerCount
7 ORDER BY PassengerCount;
    
```



How should you configure the chart? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Category column:

- AvgTripDistance
- PassengerCount
- SumTripDistance
- TripDistanceMiles

Legend (series) column:

- AvgTripDistance
- PassengerCount
- SumTripDistance
- TripDistanceMiles

Answer Area

Suggested Answer:

Category column:

- AvgTripDistance
- PassengerCount**
- SumTripDistance
- TripDistanceMiles

Legend (series) column:

- AvgTripDistance
- PassengerCount
- SumTripDistance**
- TripDistanceMiles

nbagchi Highly Voted 2 years, 2 months ago
 Correct
 upvoted 7 times

SamuComqi Most Recent 1 year, 6 months ago

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- PassengerCount

- SumTripDistance

upvoted 3 times

🗨️ 👤 **Eltooth** 1 year, 8 months ago

PassengerCount

SumTripMiles

upvoted 1 times

🗨️ 👤 **Eltooth** 1 year, 8 months ago

*SumTripDistance

upvoted 1 times

🗨️ 👤 **mmrrbb** 1 year, 10 months ago

Correct, correct

upvoted 1 times

🗨️ 👤 **cookiemonster42** 2 years, 1 month ago

Correct. I don't think an average trip distance can be over 150k :)

upvoted 2 times

You have a Power BI report that contains the visual shown in the following exhibit.

Product	Sales
Amarilla	17,747,116.06
Carretera	13,815,307.89
Montana	15,390,801.88
Paseo	33,011,143.95
Velo	18,250,059.47
VTT	20,511,921.02
Total	118,726,350.26

You need to make the visual more accessible to users who have color vision deficiency.

What should you do?

- A. Add additional measures to the table values.
- B. Change the red background color to orange.
- C. Add icons to represent the sales status of each product.
- D. Change the font color of values in the Sales column to white.

Suggested Answer: D

Community vote distribution

C (90%) 10%

 **nbagchi** Highly Voted 2 years, 2 months ago

Selected Answer: C

Answer will be C

For color-blind people, the green and red combo is bad, even if you change red to orange, it won't matter much. The best option here is C. As for D, changing the font color to white has nothing to do with color blindness

upvoted 19 times

 **Maazi** Highly Voted 2 years, 2 months ago

I will go for C.

See the Checklist section for All Visuals at

<https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>

upvoted 7 times


 **contactraj11** Most Recent 1 year ago

Selected Answer: C

Avoid using color as the only means of conveying information. Use text or icons to supplement or replace the color.

<https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>

upvoted 1 times

 **Deloro** 1 year, 5 months ago

Selected Answer: D

Now that I think about it,

make the visual more accessible to viewers with color deficiency.

black and green as mentioned do not go well together (<https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>)

I would go for D

upvoted 1 times

 **sheilawu** 1 year, 5 months ago

Selected Answer: C

I will go for C

upvoted 1 times

🗨️ **Deloro** 1 year, 5 months ago

same issue as before, make more accessible > icons or text go for C
upvoted 1 times

🗨️ **Deloro** 1 year, 5 months ago

sorry would go for D
upvoted 1 times

🗨️ **Araujoleo44** 1 year, 5 months ago

Selected Answer: D

D

Porque torna o texto mais legível para pessoas com deficiência visual de núcleos, especialmente se o cor de fundo é vermelho, que pode tornar difícil a leitura do texto caso o cor do texto seja muito próximo ao cor de fundo. Alterando o cor da fonte para branco, você aumenta o contraste entre o texto e o fundo, o que facilita a leitura para todos os usuários, independentemente da capacidade de distinguir núcleos.

upvoted 1 times

🗨️ **PrudenceK** 1 year, 8 months ago

Selected Answer: C

To make the visual more accessible to users with color vision deficiency, you should choose option C: Add icons to represent the sales status of each product.

By adding icons, you provide an additional visual cue that can be easily distinguishable by users with color vision deficiency. This helps convey information without relying solely on color differentiation, which may be challenging for some individuals.

Using icons to represent different sales statuses allows users to quickly identify and understand the sales performance of each product, regardless of their color vision capabilities. This enhances the accessibility of the visual and ensures that users with color vision deficiency can effectively interpret the information presented.

upvoted 1 times

🗨️ **Eltooth** 1 year, 8 months ago

Selected Answer: C

C is correct answer.

upvoted 1 times

🗨️ **Tranter** 1 year, 9 months ago

Avoid Reliance on Color Alone: Avoid conveying important information solely through color. Include additional visual cues such as labels, patterns, or shapes to provide context and differentiation for users who may have difficulty perceiving color differences.

upvoted 1 times

🗨️ **Eltooth** 1 year, 9 months ago

Selected Answer: C

C is correct answer.

upvoted 1 times

🗨️ **Jaison007** 1 year, 9 months ago

Selected Answer: C

C shape would be visible, color is subjective

upvoted 1 times

🗨️ **DarioReymago** 1 year, 10 months ago

Selected Answer: D

D d d d

upvoted 1 times

🗨️ **kelibanlangen** 1 year, 10 months ago

Serious🙄

upvoted 1 times

🗨️ **Ngol** 2 years, 1 month ago


Definitely it cant be D!

upvoted 3 times

🗨️ **louisak** 2 years, 2 months ago

C is correct

upvoted 3 times

  **romateselkin** 2 years, 2 months ago

C is correct

upvoted 3 times

  **Az301301X** 2 years, 2 months ago

Selected Answer: C

im going for C as well.

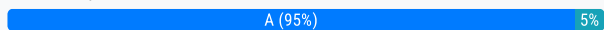
upvoted 4 times

You plan to generate a line chart to visualize and compare the last six months of sales data for two departments. You need to increase the accessibility of the visual. What should you do?

- A. Configure a unique marker for each series.
- B. Replace long text with abbreviations and acronyms.
- C. Move important information to a tooltip.
- D. Configure a distinct color for each series.

Suggested Answer: D

Community vote distribution



Maazi Highly Voted 2 years, 2 months ago

I will go for A. See Markers at

<https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-accessibility-creating-reports>

upvoted 10 times

nbagchi Highly Voted 2 years, 2 months ago

Selected Answer: A

Both A and D are good options. However if you think carefully, even with distinct colors, it is possible to still not be accessible for color blind people. The safest option to make it accessible is to use different markers to make a clear distinction

upvoted 8 times

Deloro Most Recent 1 year, 5 months ago

Selected Answer: A

A avoid depending on colors to make something clear, so different colors of the lines is to be avoided to make your CASE >>> icons or text >> option A

upvoted 1 times

SamuComqi 1 year, 6 months ago

Selected Answer: A

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Configure a unique marker for each series

upvoted 3 times

Habibi123 1 year, 7 months ago

Selected Answer: A

There is not noted that markers are visible in the chart - so safest option to take is A

upvoted 1 times

Alborz 1 year, 7 months ago

Selected Answer: C

Tooltips are an important accessibility feature in Power BI that allows users to access additional information associated with data points on visualizations. By moving important information to a tooltip, users with various abilities, including those using screen readers or navigating the report by keyboard, can easily access and understand the data without cluttering the main visualization.

By placing relevant information in tooltips, users can hover or click on data points to view details without overwhelming the visual with too much information. This approach ensures that critical data is readily available to all users and enhances the accessibility of the report.

upvoted 1 times

Eltooth 1 year, 9 months ago

Selected Answer: A



A is correct answer.

upvoted 2 times

dera23 2 years, 1 month ago

A is the right answer



upvoted 5 times

  **Ramiel** 2 years, 2 months ago

Selected Answer: A

Agreed, safest option is A

upvoted 5 times

  **AT96** 2 years, 3 months ago

correct answer

upvoted 1 times

You have the following Python code in an Apache Spark notebook.

```
import matplotlib.pyplot as plt
import numpy as np
ys = 300 + np.random.randn(100)
x = [x for x in range(len(ys))]
plt.plot(x, ys, '-')
plt.fill_between(x, ys, 395, where=(ys > 395), facecolor='g', alpha=0.5)
plt.title("Chart Sample")
plt.show()
```

Which type of chart will the code produce?

- A. a stacked bar chart
- B. an area chart
- C. a bar chart
- D. a pie chart

Suggested Answer: B

Community vote distribution

B (100%)

 **louisaok** Highly Voted 2 years, 2 months ago

Selected Answer: B


Fill_between is the key.
The fill_between() function

<https://www.python-graph-gallery.com/area-plot/>
upvoted 9 times

 **sheilawu** Most Recent 1 year, 5 months ago

Selected Answer: B

fill_between = area chart
upvoted 1 times

 **Eltooth** 1 year, 8 months ago

Selected Answer: B

B is correct answer.
upvoted 1 times


 **DarioReymago** 1 year, 11 months ago

Selected Answer: B

b is correct answer
upvoted 2 times

 **AT96** 2 years, 3 months ago

correct answer
upvoted 4 times

 **Chk88** 2 years, 2 months ago

specifically line chart. tested
upvoted 1 times

You are creating a Python visual in Power BI Desktop.
You need to retrieve the value of a column named Unit Price from a DataFrame.
How should you reference the Unit Price column in the Python code?

- A. `dataset['Unit Price']`
- B. `('Unit Price')`
- C. `pandas.DataFrame('Unit Price')`
- D. `data = [Unit Price]`

Suggested Answer: C

Community vote distribution

A (83%)

C (17%)

JasonVu **Highly Voted** 2 years, 3 months ago

I think answer should be A
upvoted 15 times

louisaok **Highly Voted** 2 years, 1 month ago

Selected Answer: A

it should be A.

`dataset['Unit Price'], =>` (return a column)
`pandas.DataFrame('Unit Price'), =>` (show the entire table)
upvoted 8 times

DarioReymago **Most Recent** 11 months, 1 week ago

Selected Answer: C

<https://learn.microsoft.com/en-us/power-bi/connect-data/desktop-python-visuals>
upvoted 1 times

sheilawu 1 year, 5 months ago

Selected Answer: A

definitely a is the answer
upvoted 1 times

PrudenceK 1 year, 8 months ago

Selected Answer: A

`dataset['Unit Price']` is correct answer
upvoted 1 times

PrudenceK 1 year, 8 months ago

Selected Answer: A

This syntax accesses the Unit Price column by specifying the column name within square brackets after the dataset object. Using `dataset['Unit Price']` retrieves the values from the specified column for further processing or visualization in the Python visual.
upvoted 1 times

Eltooth 1 year, 8 months ago

Selected Answer: A

A is correct answer.
upvoted 1 times

Pib2 1 year, 8 months ago

Selected Answer: A


Should be A
upvoted 2 times

ameer989 1 year, 8 months ago

Selected Answer: A

A is the correct answer, been developing python scripts for years now and i only used dataset['column name']



upvoted 2 times

  **missinglilo** 1 year, 8 months ago

From ChatGPT:

The correct answer is A. dataset['Unit Price']. This is the correct way to reference the Unit Price column in the Python code.

upvoted 2 times

  **dev2dev** 1 year, 10 months ago

Selected Answer: A

C is WRONG!

upvoted 3 times

  **DarioReymago** 1 year, 11 months ago

Selected Answer: A

Is correct A

https://pandas.pydata.org/docs/getting_started/intro_tutorials/03_subset_data.html

upvoted 4 times

  **HN_3532** 2 years ago

A is correct since it's how you select a column in pandas dataframe.

https://pandas.pydata.org/docs/getting_started/intro_tutorials/03_subset_data.html

C is to initialize a new dataframe. In this case it will initialize a dataframe with each character as a column value (string is an iterable in Python)

<https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.html>



upvoted 3 times

  **AValester** 2 years ago

Selected Answer: A



A. Sure

upvoted 3 times

  **Fer079** 2 years ago

do you have any example or reference?

upvoted 1 times

  **taza31** 2 years, 1 month ago

Selected Answer: A

Question is so bad but the forst param for a dataframe is data and

a string cannot be dataset column just an index So for me A

<https://pandas.pydata.org/docs/reference/api/pandas.DataFrame.html>



upvoted 3 times

  **master_artyom1983** 2 years, 2 months ago

I think A, because:

You can access columns in the dataset by using their names. For example, you can code dataset["Age"] in your Python script to access the age field.

upvoted 2 times

  **abain89** 2 years, 2 months ago

I think A works

upvoted 3 times

You open a Power BI Desktop report that contains an imported data model and a single report page.

You open Performance analyzer, start recording, and refresh the visuals on the page. The recording produces the results shown in the following exhibit.

Name	Duration (ms)
Recording started (2/3/2022 10:04:04 PM)	-
Refreshed visual	-
Shape	130
Visual display	48
Other	82
Copy query	
Actual/Forecast Billable Hours	1649
DAX query	85
Visual display	47
Other	1517
Copy query	
Actual/Forecast Hours By Type	2083
DAX query	89
Visual display	39
Other	1955
Copy query	
Projected Utilization %	2311
DAX query	119
Visual display	53
Other	2140
Copy query	
Actual/Forecast Billable Hrs YTD	2458
DAX query	151

What can you identify from the results?

- A. When all the visuals refresh simultaneously, the visuals spend most of the time waiting on other processes to finish.
- B. The Actual/Forecast Billable Hrs YTD visual displays the most data.
- C. Unoptimized DAX queries cause the page to load slowly.
- D. The Actual/Forecast Hours by Type visual takes a long time to render on the report page when the data is cross-filtered.

Suggested Answer: A

Community vote distribution

A (100%)

nbagchi Highly Voted 2 years, 2 months ago

Selected Answer: A

Correct. The high value in 'other' generally represents that there are too many visuals on the page.
upvoted 13 times

louisak Highly Voted 2 years, 2 months ago

Selected Answer: A

Other: this is the time spent waiting for other operations to complete. This is typically synchronization time between different visuals in the same page and should not be considered as a bottleneck of the visual being analyzed. It is usually waiting time caused by other pending operations performed by other visuals.

<https://community.powerbi.com/t5/Desktop/Performance-Analyzer-quot-Other-quot/m-p/717848#:~:text=Other%3A%20this%20is%20the%20time,operations%20performed%20by%20other%20visuals.>

upvoted 5 times

SamuComqi Most Recent 1 year, 6 months ago



Selected Answer: A

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- When all the visuals refresh simultaneously, the visuals spend most of the time waiting on other processes to finish.

upvoted 1 times

  **Eltooth** 1 year, 9 months ago

Selected Answer: A

A is correct answer.

upvoted 1 times

HOTSPOT -

You use Vertipaq Analyzer to analyze a model.

The Relationships tab contains the results shown in the following exhibit.

IsRowNumber Cardinality (Filter)	FALSE All									
Row Labels	Relationship	Type	Max From Cardinality	Max to Cardinality	1:M Ratio	% Missing Keys	Invalid Rows	Relationships Size	Bid. Filters	MMR
'Date' [Date] ==<-1 'LocalDateTable_39c22ddb-27f3-4e6c-8a44-a3380850fcb4' [Date]	M:1		84	2,557	3044.05%	0	0	4,056		
Fact	M:1		90	327	0.69%	22		184		
'Fact' [BU Key] ==<-1 'BU' [BU Key]	M:1		26	164	0.34%	0	0	32		
'Fact' [Customer Key] ==<-1 'Customer' [Customer]	M:1		90	327	0.69%	21	1,804	112		
'Fact' [Product Key] ==<-1 'Product' [Product Key]	M:1		7	6	0.01%	1	6,577	8		
'Fact' [Scenario Key] ==<-1 'Scenario' [Scenario Key]	M:1		2	2	0.00%	0	0	8		
'Fact' [YearPeriod] ==<-1 'Date' [YearPeriod]	M:1		16	84	0.18%	0	0	24		
Grand Total	M:1		90	2,557	3044.05%	27		4,320		

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

The [answer choice] table is missing records needed by the Fact table.

▼

- BU Key
- Customer
- Date
- Scenario

There are [answer choice] blank values created by missing dimensional relationships.

▼

- 22
- 1,804
- 6,577
- 8,381

Answer Area

The [answer choice] table is missing records needed by the Fact table.

▼

- BU Key
- Customer
- Date
- Scenario

Suggested Answer:

There are [answer choice] blank values created by missing dimensional relationships.

▼

- 22
- 1,804
- 6,577
- 8,381

KWaleed Highly Voted 2 years, 2 months ago

I think the answer for 2nd drop down should be $1,804 + 6,577 = 8,381$

There is a very good video explaining the concept on <https://www.youtube.com/watch?v=XvZyo9Kgyio&list=PLU6II7MW-aiIREc1XdCYviQEj4Ui2pNDS&index=3>

upvoted 13 times

Chk88 2 years, 2 months ago

Correct , we need to add them

upvoted 3 times

Chk88 2 years, 2 months ago

**1804

upvoted 1 times

Akin_Eren Most Recent 1 year, 2 months ago

Customer and 8381

upvoted 1 times

🗨️ 👤 **SamuComqi** 1 year, 6 months ago

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Customer

- 8381

upvoted 2 times

🗨️ 👤 **Eltooth** 1 year, 8 months ago

Customer

8381

upvoted 1 times

🗨️ 👤 **Pib2** 1 year, 8 months ago

Customer & 22 is correct, only missing values due to dimensional relationship should be considered

upvoted 3 times

🗨️ 👤 **solref** 1 year, 11 months ago

Customer and 8381 as a result of wrong relationships (1804 + 6577)

upvoted 1 times

🗨️ 👤 **DS_newb** 1 year, 11 months ago

still stand for Customer and 22

Although invalid value will turn to blank, it is not from missing dem.. and if so, it should count $1804+6577+22 = 8,403$

upvoted 1 times

🗨️ 👤 **DS_newb** 1 year, 11 months ago

change my mind as missing key <-> missing data, then should 8,381

upvoted 1 times

🗨️ 👤 **master_artiom1983** 2 years, 2 months ago

Customer and $1,804+6,577 = 8,381$

upvoted 2 times

🗨️ 👤 **Az301301X** 2 years, 2 months ago

Customer and 8381

upvoted 2 times

You use the Vertipaq Analyzer to analyze tables in a dataset as shown in the Tables exhibit. (Click the Tables tab.)

Name	Cardinality	Table Size	Col Size	Data	Dictionary	Hier Size
Plan	627,876	22,823,464	21,147,552	6,697,272	10,293,184	4,157,096
Forecast Amount	101,606	22,823,464	7,400,920	1,475,640	5,112,384	812,896
Budget Amount	101,596	22,823,464	7,400,024	1,475,640	5,111,568	812,816
Row ID	627,876	22,823,464	4,185,992	1,674,344	120	2,511,528
ProductKey	628	22,823,464	842,296	818,016	19,208	5,072
Sales	858,789	20,968,092	18,674,660	12,182,384	2,587,004	3,905,272
Row ID	858,789	20,968,092	5,725,408	2,290,112	120	3,435,176
SalesAmount	36,554	20,968,092	2,960,560	1,245,904	1,422,176	292,480
TotalCost	9,711	20,968,092	1,924,272	1,238,488	608,056	77,728
Sales ID	2,000	20,968,092	1,431,192	1,374,064	41,080	16,048
Date	1,095	20,968,092	1,428,968	1,373,856	46,312	8,800

The table relationships for the dataset are shown in the Relationships exhibit. (Click the Relationships tab.)

Table / Relationship	Size	Max From Cardinality	Max To Cardinality	1:M Ratio %	Missing Keys
Plan	1,675,912	627,876	858,789	136.78%	7
Plan[ProductKey] ∞--1 Product[ProductKey]	848	628	629	0.10%	0
Plan[StoreKey] ∞--1 Store[Store Key]	360	306	299	0.05%	7
Plan[GeographyKey] ∞--1 Geography[GeographyKey]	312	263	263	0.04%	0
Plan[DateKey] ∞--1 Month & Year Distinct[Date]	32	36	36	0.01%	0
Sales	2,293,432	858,789	1,095	0.13%	858,793
Sales[Date] ∞--1 Calendar[Date]	1,760	1,095	1,095	0.13%	0
Sales[GeographyKey] ∞--1 Geography[GeographyKey]	312	263	263	0.03%	0
Sales[PromotionKey] ∞--1 Promotion[Promotion Key]	24	28	28	0.00%	0
Sales[channelKey] ∞--1 Channel[ChannelKey]	8	4	4	0.00%	0
Sales[Row ID] ∞--1 Plan Header Details[Row ID]	0	858,789	3	0.00%	858,786

You need to reduce the model size by eliminating invalid relationships.

Which column should you remove?

- A. Sales[Sales Amount]
- B. Sales[Row ID]
- C. Sales[Sales ID]
- D. Plan[Row ID]

Suggested Answer: B

Community vote distribution

B (100%)

nbagchi Highly Voted 2 years, 2 months ago

Selected Answer: B

Correct, Row ID has 858,786 missing keys
upvoted 8 times

MaryemSB Most Recent 1 year, 2 months ago

Selected Answer: B

agree with ivanb94
upvoted 1 times

Eltooth 1 year, 9 months ago

Selected Answer: B

B is correct answer - 858,756 missing keys!
upvoted 1 times

DarioReymago 1 year, 11 months ago

Selected Answer: B

B is the only one listed in 2° table
upvoted 1 times

ivanb94 2 years, 2 months ago

To be precise RowID from the Sales table, so answer B, not the other provided potential answer with Plan table. P.S. Plan table seems to be made up considering that it is not mentioned in either of the pictures --> only Plan Header Details is. Another Microsoft confusion device --
upvoted 3 times

  **MrXBasit** 2 years, 2 months ago

Selected Answer: B

858,786

upvoted 2 times

You are optimizing a Power BI data model by using DAX Studio.
You need to capture the query events generated by a Power BI Desktop report.
What should you use?

- A. the DMV list
- B. a Server Timings trace
- C. an All Queries trace
- D. a Query Plan trace

Suggested Answer: C

Community vote distribution

C (100%)

🗉 👤 **Az301301X** Highly Voted 👍 2 years, 2 months ago

Selected Answer: C

yep, I would go for C. <https://www.sqlbi.com/articles/capturing-power-bi-queries-using-dax-studio/>
upvoted 6 times

🗉 👤 **Eltooth** Most Recent 🕒 1 year, 8 months ago

Selected Answer: C

C is correct answer.
upvoted 1 times

🗉 👤 **Chk88** 2 years, 2 months ago

Selected Answer: C

C = Correct
upvoted 3 times

🗉 👤 **stfglv** 2 years, 1 month ago

yup, the first sentence says it all: <https://daxstudio.org/docs/features/traces/all-queries-trace/>
upvoted 2 times

🗉 👤 **nbagchi** 2 years, 2 months ago

Selected Answer: C

I believe C is correct
Check out this link: <https://www.sqlbi.com/articles/capturing-power-bi-queries-using-dax-studio/>
upvoted 4 times

🗉 👤 **AT96** 2 years, 3 months ago

incorrect answer

To capture the query events generated by a Power BI Desktop report, you can use a Server Timings trace in DAX Studio. A Server Timings trace is a diagnostic tool that records the time taken by each query event in the Power BI Desktop report, allowing you to identify any bottlenecks and optimize the data model accordingly.

upvoted 1 times

🗉 👤 **ivanb94** 2 years, 2 months ago

I don't see why we would use Server Timings trace considering the main purpose of that is to check the time needed for a query (as the name suggests), while the question says nothing about the time element and only gives the requirement to capture the query events. That you can definitely do with C alone.

upvoted 3 times

You have a sales report as shown in the following exhibit.



The sales report has the following characteristics:

The measures are optimized.

The dataset uses import storage mode.

Data points, hierarchies, and fields cannot be removed or filtered from the report page.

From powerbi.com, users experience slow load times when viewing the report.

You need to reduce how long it takes for the report to load without affecting the data displayed in the report.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Change the report theme to monochromatic.
- B. Replace the single-value cards with a multi-row card.
- C. Replace the product category charts with a bar chart for sales and a hierarchy of Category and Sub Category on the axis.
- D. Replace all the filters on the Filters pane with visual slicers on the report page.

Suggested Answer: BC

Community vote distribution

BC (100%)

ivanb94 Highly Voted 2 years, 2 months ago

I would go with BC too bc both actions are actually just reducing the number of visuals in the report by providing the same amount of information with a single chart instead of multiple. Generally it is a best practice to decrease the number of visuals to improve performance e.g. speed up rendering times so the answer is actually straight forward but Microsoft had to make it sound complicated
upvoted 11 times

nbagchi Highly Voted 2 years, 2 months ago

Selected Answer: BC

Correct answer

upvoted 10 times

Eltooth Most Recent 1 year, 8 months ago

Selected Answer: BC

B and C are correct answers.

upvoted 1 times

🗨️ 👤 **abain89** 2 years, 2 months ago

great explanation by ivanb94

upvoted 2 times

🗨️ 👤 **JasonVu** 2 years, 3 months ago

I think it should be C,D

upvoted 1 times

🗨️ 👤 **JasonVu** 2 years, 3 months ago

Forget it, Filter pane actually helps improve the performance of report so it should be C,B

upvoted 5 times

You are building a Power BI dataset that will use two data sources.

The dataset has a query that uses a web data source. The web data source uses anonymous authentication.

You need to ensure that the query can be used by all the other queries in the dataset.

Which privacy level should you select for the data source?

- A. None
- B. Organizational
- C. Public
- D. Private

Suggested Answer: C

Community vote distribution



nbagchi Highly Voted 2 years, 2 months ago

Selected Answer: C

Answer is correct.

If the report has only one data source, there is no need to change this privacy level (None is the default) because there is no risk of exposing data between various sources. However, as soon as a second data source is created in the report, Power BI asks for the privacy level to be determined for both data sources because it cannot be kept to None now. So choosing it to Public is the correct option.

upvoted 11 times

Maazi Highly Voted 2 years, 2 months ago

Selected Answer: C

Check this out Ref: <https://learn.microsoft.com/en-us/power-bi/enterprise/desktop-privacy-levels>

upvoted 5 times

Alborz Most Recent 1 year, 7 months ago

Selected Answer: D

Option C: Public is not the correct privacy level to select in this scenario. Choosing the "Public" privacy level would allow the data source query to be shared with other users, making the data accessible to them. However, using the "Public" privacy level for a web data source with anonymous authentication can potentially expose sensitive information to unauthorized users.

In this case, selecting the "Private" privacy level is the appropriate choice because it allows the data source query to access the web data source with anonymous authentication without any privacy restrictions, ensuring that other queries in the dataset can use the data returned by this web data source query.

upvoted 1 times

Eltooth 1 year, 9 months ago

Selected Answer: C

C is correct answer.

upvoted 1 times

AT96 2 years, 3 months ago

correct answer is A.

To ensure that a query that uses a web data source with anonymous authentication can be used by all the other queries in a Power BI dataset, you should select the None privacy level for the data source. The None privacy level allows all the queries in the dataset to access the data from the web data source, regardless of whether the data source uses anonymous authentication.

upvoted 2 times

stfglv 2 years, 1 month ago

it cannot be None because this level stops being a viable option as soon as the PBI desktop report has more than one source which is explicitly emphasized in the question (probably exactly to avoid people answering with None)

upvoted 1 times

DRAG DROP -

You manage a Power BI dataset that queries a fact table named SalesDetails. SalesDetails contains three date columns named OrderDate, CreatedOnDate, and ModifiedDate.

You need to implement an incremental refresh of SalesDetails. The solution must ensure that OrderDate starts on or after the beginning of the prior year.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

Answer Area

Create RangeStart and RangeEndDateTime parameters.

Configure an incremental refresh to archive data that starts one year before the refresh date.

Add an applied step that filters OrderDate to the start of the prior year.

Configure an incremental refresh to archive data that starts two years before the refresh date.

Add an applied step that adds a custom date filter where OrderDate is between RangeStart and RangeEnd.



Answer Area

Create RangeStart and RangeEndDateTime parameters.

Add an applied step that adds a custom date filter where OrderDate is between RangeStart and RangeEnd.

Configure an incremental refresh to archive data that starts two years before the refresh date.

Add an applied step that filters OrderDate to the start of the prior year.

Suggested Answer:

MaryemSB 1 year, 3 months ago

it's required to exclude data before start of prior year, so, best practice is to filter it out first.

if we are in June 2023, then all data we have is 1 year and 6 months.

data will be split into 1 year of incremental refresh and 6 months will be archived. we can't use the option "configure IR to archive data 2 years before refresh date" otherwise, IR will have no sense!



solution is :

1. filter prior year
 2. create parameters
 3. create custom filter for date
 4. configure incremental refresh ONE YEAR BEFORE REFRESH DATE
- upvoted 1 times

MaryemSB 1 year, 2 months ago

small adjustment: 1 year will be archived and 6 months will be incrementally refreshed

upvoted 1 times



  **Deloro** 1 year, 5 months ago

create

filter based on start and end

refresh 2 years, start of previous needs to be included

upvoted 1 times

  **Plb2** 1 year, 8 months ago



I feel there's an error in the answers.

It should be (create parameters, filter orderdata on parameters and then)

configure incr refresh to archive data 2 years before refresh date

configure incr refresh to incrementally refresh (instead of archive) data since 1 year before refresh date

upvoted 4 times

  **hoss29** 1 year, 6 months ago

I think the answer provided is correct, because we have to consider a refresh date that occurs in june 2023 for example, which means we need to refresh from Jan 2022 onwards, and that cannot be done by "configure incr refresh to incrementally refresh (instead of archive) data since 1 year before refresh date". After the first 2 steps, we need to first archive the last 2 years and then filter OrderDate to the start of the prior year.

upvoted 1 times

  **DarioReymago** 1 year, 11 months ago

<https://learn.microsoft.com/en-us/power-bi/connect-data/incremental-refresh-configure>

is ok

upvoted 1 times

  **DarioReymago** 1 year, 11 months ago



I mean, I not sure why archive 2years before. I prefere 1 year before

upvoted 2 times

  **fdsdgxcvbsfshfg** 1 year, 10 months ago



yeah it's weird, but if it has to be 4 steps...

upvoted 1 times

  **Deloro** 1 year, 5 months ago



2 years, so you always include start of prior year ?

upvoted 1 times

  **stfglv** 2 years, 1 month ago

I don't understand why would we need four steps. I would say that the first 3 steps should be 1. create RangeStart and RangeEnd parameters 2. filter the OrderDate column using a customer filter based on these two parameters 3. configure an incremental refresh to archive data before the last two years. But after that you should arguably publish the report and do a manual refresh as explained here <https://learn.microsoft.com/en-us/power-bi/connect-data/incremental-refresh-overview>. So what is this 4th step supposed to do?

upvoted 2 times

  **stfglv** 2 years, 1 month ago

Just realized that filtering OrderDate to start of previous year is also needed (but does not have to be the 4th step, can even be the first thing) gives us the subset of data that is relevant since the question more/less states that nothing before that matters. Also this type of filtering determines that the incremental policy should not affect the last two years but only the previous year.

upvoted 3 times

  **fdsdgxcvbsfshfg** 1 year, 10 months ago

Let's suppose we're in 2023 and the solution requires us to have OrderDate starting on or after the beginning of the prior year (so 2022 onward):

1. Create RangeStart RangeEnd - obviously

2. Add an applied step to filter our dates between these two params - obviously

3. Create an incremental refresh to archive data that starts ONE YEAR BEFORE THE REFRESH DATE.

Now what that third step does is all we need for the solution - it creates a yearly partition for the entire 2022, and the quarterly/monthly partitions in the current 2023 year. We don't need any additional filtering.



The same can be achieved in 4 steps, with last 2 years being archived (2021, 2022) and then by filtering OrderDate to the start of the prior year.

So two approaches are possible in here, but we should select the 4-steps one.

https://youtu.be/Kui_1G6kQIQ?t=466

Correct me If I'm wrong

upvoted 3 times

  **nbagchi** 2 years, 2 months ago

Correct

upvoted 4 times

DRAG DROP -

You plan to create a Power BI report that will use an OData feed as the data source. You will retrieve all the entities from two different collections by using the same service root.

The OData feed is still in development. The location of the feed will change once development is complete.

The report will be published before the OData feed development is complete.

You need to minimize development effort to change the data source once the location changes.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

From Advanced Editor, get data from an OData feed source and use the parameter to populate the last part of the URL.

From Advanced Editor, reference the query and change the resource path in the URL.

Create a parameter that contains the service root URI.

From Advanced Editor, duplicate the query and change the resource path in the URL.

Get data from an OData feed source and use the parameter to populate the first part of the URL.



Suggested Answer:

Answer Area

Create a parameter that contains the service root URI.

Get data from an OData feed source and use the parameter to populate the first part of the URL.

From Advanced Editor, duplicate the query and change the resource path in the URL.

MaryemSB 1 year, 3 months ago

correct

upvoted 1 times

konitoki 1 year, 8 months ago

I would consider populating LAST part of the query with parameter as we are going to use the same service root, and as per link service root is the first part of the query

<https://learn.microsoft.com/en-us/odata/concepts/url-components>

upvoted 1 times

konitoki 1 year, 7 months ago

Changed my mind, this parameter should replace first part of the URL

upvoted 3 times

Eltooth 1 year, 8 months ago

Create

Get data

Duplicate

upvoted 4 times

🗨️ 👤 **DarioReymago** 1 year, 11 months ago

is ok, the last step (duplicate) is because it needed a 2do collection
upvoted 2 times

🗨️ 👤 **taza31** 2 years, 1 month ago

Correct
upvoted 1 times

🗨️ 👤 **ivanb94** 2 years, 2 months ago

I don't see why the last step would be duplicating the query from the Advanced Editor so I would go with so I would go with changing the resource path as the last step
upvoted 4 times

🗨️ 👤 **ThariCD** 2 years, 1 month ago

You need two collections, that's why you need to duplicate the query and change the resource path in the URL to the second collection once you've duplicated the query. The answer is correct.
upvoted 2 times

🗨️ 👤 **AshwinN1992** 2 years, 2 months ago

Please confirm the answer
upvoted 1 times

DRAG DROP -

You have an Azure Synapse Analytics serverless SQL pool.

You need to return a list of files and the number of rows in each file.

How should you complete the Transact-SQL statement? To answer, drag the appropriate values to the targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

APPROX_COUNT_DISTINCT

COUNT_BIG

OPENDATASOURCE

OPENJSON

OPENQUERY

OPENROWSET

Answer Area

SELECT

```
asa.filename() AS [filename]
, [ ] (*) AS [rows]
```

FROM

[]

```
BULK 'parquet/production/year=2017/month=9/*.parquet',
DATA_SOURCE = 'DataLake1',
FORMAT= 'PARQUET'
```

) asa

GROUP BY [filename]

Answer Area

```
SELECT
  asa.filename() AS [filename]
, APPROX_COUNT_DISTINCT(*) AS [rows]
```

FROM

OPENROWSET

```
BULK 'parquet/production/year=2017/month=9/*.parquet',
DATA_SOURCE = 'DataLake1',
FORMAT= 'PARQUET'
```

) asa

GROUP BY [filename]


Suggested Answer:

 **bad_attitude** Highly Voted 2 years, 1 month ago

Count Big

OpenRowSet

upvoted 10 times

 **MaryemSB** Most Recent 1 year, 3 months ago

COUNT_BIG

OPENROWSET

upvoted 1 times

 **SamuComqi** 1 year, 6 months ago


I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- COUNT_BIG

- OPENROWSET

upvoted 2 times

 **Eltooth** 1 year, 8 months ago

Count_Big

OpenRowSet

upvoted 1 times

 **DarioReymago** 1 year, 11 months ago

COUNT_BIG use *,

<https://learn.microsoft.com/en-us/sql/t-sql/functions/count-big-transact-sql?view=sql-server-ver16>

and OpenRowSet

upvoted 3 times

🗨️ 👤 **Madiba_kaka** 2 years, 1 month ago

Since parquet file can be very big, the APPROX_COUNT_DISTINCT makes sense because it's designed for use in big data scenarios. Also, APPROX_COUNT_DISTINCT requires less memory than an exhaustive COUNT DISTINCT operation. With very big file an approximate row count will suffice as opposed to an exact count. <https://learn.microsoft.com/en-us/sql/t-sql/functions/approx-count-distinct-transact-sql?view=sql-server-ver16>

upvoted 3 times

🗨️ 👤 **reemprive** 1 year, 1 month ago

If this was true, group by would not have been used.

upvoted 1 times

🗨️ 👤 **moreinva43** 2 years, 2 months ago

I can find no example of using approx_count_distinct with an asterisk, while I know it can be used with count_big.

upvoted 4 times

🗨️ 👤 **ivanb94** 2 years, 2 months ago

Not only that but the count_big actually counts rows (check here <https://learn.microsoft.com/en-us/sql/t-sql/functions/count-big-transact-sql?view=sql-server-ver16>) which is what the Q asks us to do instead of counting non-null values that can repeat across multiple rows (check here <https://learn.microsoft.com/en-us/sql/t-sql/functions/approx-count-distinct-transact-sql?view=sql-server-ver16>) making approx_count_distinct the wrong answer. Not to mention the approximation element of it all that has no place in the given question.

upvoted 8 times

🗨️ 👤 **Ngol** 2 years, 1 month ago

Your comment makes sense from the links provided

upvoted 3 times

🗨️ 👤 **nbagchi** 2 years, 2 months ago

Correct

upvoted 3 times

HOTSPOT -

You have an Azure Synapse Analytics serverless SQL pool and an Azure Data Lake Storage Gen2 account.

You need to query all the files in the 'csv/taxi/' folder and all its subfolders. All the files are in CSV format and have a header row.

How should you complete the query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.


Answer Area

```
SELECT*
FROM OPENROWSET (
  [ ]
  DATA_SOURCE = 'datalake',
  FORMAT = 'CSV', PARSER_VERSION = '2.0',
  [ ]
)
WITH (
  pickup_datetime DATETIME2,
  passenger_count INT,
  trip_distance FLOAT,
  total_amount FLOAT
) AS nyc;
```

Answer Area

Suggested Answer:

```
SELECT*
FROM OPENROWSET (
  [ ]
  DATA_SOURCE = 'datalake',
  FORMAT = 'CSV', PARSER_VERSION = '2.0',
  [ ]
)
WITH (
  pickup_datetime DATETIME2,
  passenger_count INT,
  trip_distance FLOAT,
  total_amount FLOAT
) AS nyc;
```

 **Az301301X** Highly Voted 2 years, 2 months ago

it says: query all folders and subfolders, hence /**.

<https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/query-folders-multiple-csv-files#traverse-folders-recursively>

upvoted 18 times

 **eekman** Highly Voted 2 years, 1 month ago

Correct answer is

BULK 'csv/taxi/**': although 'csv/taxi/*.csv' also works (tested it), the file extension is not specified. It can be the case that the files are .txt files but still in CSV format.

and FIRSTROW=2: you need to skip the headers (tested it). FIRSTROW=1 is the default value and will return the data including the headers.

upvoted 15 times

  **DarioReymago** 1 year, 11 months ago

thats correct

upvoted 1 times

  **Eltooth** Most Recent 1 year, 8 months ago

BULK 'csv/taxi/**'

FIRSTROW=2

upvoted 4 times

  **cookiemonster42** 2 years, 1 month ago

1) https://mydatalake.blob.core.windows.net/data/files/**: All files in the files folder, and recursively its subfolders.

2) FIRSTROW=1 The FIRSTROW attribute isn't intended to skip column headers. Skipping headers isn't supported by the BULK INSERT statement.

If you choose to skip rows, the SQL Server Database Engine looks only at the field terminators, and doesn't validate the data in the fields of skipped rows.

<https://learn.microsoft.com/en-us/training/modules/query-data-lake-using-azure-synapse-serverless-sql-pools/3-query-files>

<https://learn.microsoft.com/en-us/sql/t-sql/statements/bulk-insert-transact-sql?view=sql-server-ver16>

upvoted 3 times

  **cookiemonster42** 2 years, 1 month ago

Sorry pals, I'd like to change my opinion, there's no FIRST ROW = TRUE in the code, so the FIRSTROW = 2 in this particular case

upvoted 1 times

  **cookiemonster42** 2 years, 1 month ago

Sorry again, no HEADER = TRUE


upvoted 1 times

  **MrXBasit** 2 years, 2 months ago

Serverless SQL pool can recursively traverse folders if you specify /** at the end of path. The following query will read all files from all folders and subfolders located in the csv/taxi folder.


The answer is correct.

upvoted 2 times

  **ivanb94** 2 years, 2 months ago

How can it be correct when the given solution does not have /** at the end? You probably meant to say that the solution with /** is correct. I agree, obviously.

upvoted 3 times

  **cherious** 2 years, 2 months ago

The answer is correct:

https://mydatalake.blob.core.windows.net/data/files/file*.csv: All .csv files in the files folder with names that start with "file".

Source: <https://learn.microsoft.com/en-us/training/modules/query-data-lake-using-azure-synapse-serverless-sql-pools/3-query-files>



And it should be FIRSTROW = 2, because it has headers.

In the example (follow the link below), you can see that when the file has now header then FIRSTROW = 1.

Source: <https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/develop-openrowset#read-specific-columns-from-csv-file>

In Source

upvoted 2 times

  **nbagchi** 2 years, 2 months ago

Correct answer is

BULK 'csv/taxi/**' and FIRSTROW=1



upvoted 3 times

  **ABHI2023** 2 years, 2 months ago

FIRSTROW=2 , as first row is header , Reference : <https://learn.microsoft.com/en-us/training/modules/query-data-lake-using-azure-synapse-serverless-sql-pools/3-query-files?ns-enrollment-type=learningpath&ns-enrollment-id=learn.wvl.model-query-explore-data-for-azure-synapse>
upvoted 5 times

  **Az301301X** 2 years, 2 months ago

FIRSTROW=2, remember the "headers".
upvoted 8 times

  **AT96** 2 years, 3 months ago

Correct answer is BULK 'adl://<your_adls_account_name>.dfs.core.windows.net/csv/taxi',
upvoted 1 times

You have a group of data scientists who must create machine learning models and run periodic experiments on a large dataset. You need to recommend an Azure Synapse Analytics pool for the data scientists. The solution must minimize costs. Which type of pool should you recommend?

- A. a Data Explorer pool
- B. an Apache Spark pool
- C. a dedicated SQL pool
- D. a serverless SQL pool

Suggested Answer: B

Community vote distribution

B (100%)

🗨️ **gerryboy** 1 year, 6 months ago

Selected Answer: B

an Apache Spark pool
upvoted 1 times

🗨️ **orionduo** 1 year, 6 months ago

Selected Answer: B

Machine learning models can be trained with help from various algorithms and libraries. Spark MLlib offers scalable machine learning algorithms that can help solving most classical machine learning problems
upvoted 1 times

🗨️ **DarioReymago** 1 year, 11 months ago

Selected Answer: B

b is correct
upvoted 1 times

🗨️ **Chk88** 2 years, 2 months ago

Correct
upvoted 2 times

🗨️ **ivanb94** 2 years, 2 months ago

I would agree based on this <https://learn.microsoft.com/en-us/azure/synapse-analytics/machine-learning/what-is-machine-learning>
upvoted 2 times

HOTSPOT -

You have an Azure Data Lake Storage Gen 2 container that stores more than 300,000 files representing hourly telemetry data. The data is organized in folders by the year, month, and day according to when the telemetry was captured.

You have the following query in Power Query Editor.

```
let
    Source = AzureStorage.Blobs("https://tmppbie01.blob.core.windows.net/logs/"),
    Filtered = Table.SelectRows(Source, each Text.StartsWith([Name], "2019/12/")
        and [Extension] = ".csv"),
    Transformed = Table.AddColumn(Filtered, "Transformed", each TransformFiles([Content])),
    Limited = Table.SelectColumns(Transformed, "Transformed"),
    Expanded = Table.ExpandTableColumn(Limited, "Transformed", {"Date", "Name", "Activity"}),
    Final = Table.TransformColumnTypes(Expanded,
        {"Date", type date}, {"Name", type text}, {"Activity", type text})
in
    Final
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.


NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
The query uses the hierarchical namespace of the storage account.	<input type="radio"/>	<input type="radio"/>
The query uses a custom function to load file data.	<input type="radio"/>	<input type="radio"/>
Changing the source to use <code>AzureStorage.DataLake</code> will reduce the load time of the query.	<input type="radio"/>	<input type="radio"/>

Answer Area

Statements	Yes	No
Suggested Answer: The query uses the hierarchical namespace of the storage account.	<input checked="" type="radio"/>	<input type="radio"/>
The query uses a custom function to load file data.	<input type="radio"/>	<input checked="" type="radio"/>
Changing the source to use <code>AzureStorage.DataLake</code> will reduce the load time of the query.	<input checked="" type="radio"/>	<input type="radio"/>

 **eekman** Highly Voted 2 years, 1 month ago

1. No: the endpoint for HNS is dfs not blob. <https://learn.microsoft.com/en-us/azure/storage/blobs/upgrade-to-data-lake-storage-gen2-how-to?tabs=azure-portal#migrate-data-workloads-and-applications>

2. No

3. Yes

upvoted 19 times

 **nbagchi** Highly Voted 2 years, 2 months ago

I think the answers are correct.


Check this: <https://learn.microsoft.com/en-us/powerquery-m/azurestorage-datalake>

upvoted 10 times

 **Chk88** 2 years, 2 months ago

it is correct

upvoted 3 times

 **salvalcaraz** Most Recent 1 year, 2 months ago

1. Yes: I use ADLS Gen 2 blobs at work at it doest allow hierarchical namespaces.

2. No

3. Yes

upvoted 1 times

  **fireofsea** 1 year, 6 months ago

I think answer is

No

Yes

No

upvoted 1 times

  **fireofsea** 1 year, 6 months ago

For in Editor uses "Table.AddColumn" and "TransformFiles" to load file data

upvoted 1 times

  **fireofsea** 1 year, 6 months ago

Update

No

Yes

Yes

upvoted 1 times

  **fireofsea** 1 year, 6 months ago

if there is no funtion name in the script?

upvoted 1 times

  **fireofsea** 1 year, 6 months ago

Sorry, Update

No

No

Yes

upvoted 1 times

  **SamuComqi** 1 year, 6 months ago

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- No

- No

- Yes

upvoted 3 times

  **AlanMont** 1 year, 9 months ago

I think the first one is "No" because HierarchicalNavigation is not an option for "AzureStorage.Blobs", see here: <https://learn.microsoft.com/en-us/powerquery-m/azurestorage-datalake>

HierarchicalNavigation is an option for AzureStorage.Datalake: <https://learn.microsoft.com/en-us/powerquery-m/azurestorage-datalake>

upvoted 6 times

HOTSPOT -

You manage a dataset that contains the two data sources as shown in the following table.

Data source	Type of data	Privacy level
Azure SQL database	Sensitive company data	Private
Microsoft SharePoint folder	Non-sensitive company data	Private

When you attempt to refresh the dataset in powerbi.com, you receive the following error message: “[Unable to combine data] Add Columns is accessing data sources that have privacy levels which cannot be used together. Please rebuild this data combination.”

You discover that the dataset contains queries that fold data from the SharePoint folder to the Azure SQL database.

You need to resolve the error. The solution must provide the highest privacy possible.

Which privacy level should you select for each data source? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Azure SQL database: ▼

Organizational
Private
Public

SharePoint folder: ▼

Organizational
Private
Public

Answer Area

Suggested Answer:

Azure SQL database: ▼



Organizational
Private
Public

SharePoint folder: ▼

Organizational
Private
Public

- 🗨️ **Maazi** Highly Voted 2 years, 2 months ago
The answers ie Private and Organisational are correct.
Ref: <https://learn.microsoft.com/en-us/power-bi/enterprise/desktop-privacy-levels>
upvoted 12 times
- 🗨️ **Maazi** 2 years, 2 months ago
*Organisational = Organizational
upvoted 2 times
- 🗨️ **Eltooth** Most Recent 1 year, 9 months ago
Agreed - Private and Organizational.
upvoted 1 times
- 🗨️ **stfglv** 2 years, 1 month ago
Sensitive data --> must be private. The other dataset could theoretically be public but why would it be when a higher privacy level is organizational and it seems appropriate for organizational data. The name says it all.
upvoted 1 times
- 🗨️ **Chk88** 2 years, 2 months ago
Answer correct, data type

upvoted 2 times

  **nbagchi** 2 years, 2 months ago

I would have selected the same

upvoted 4 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this question, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI dataset named Dataset1.

In Dataset1, you currently have 50 measures that use the same time intelligence logic.

You need to reduce the number of measures, while maintaining the current functionality.

Solution: From Power BI Desktop, you group the measures in a display folder.

Does this meet the goal?

A. Yes

B. No

Suggested Answer: B

Community vote distribution

B (100%)

🗨️ **hoss29** 1 year, 6 months ago

Selected Answer: B

maybe calculation groups would help reduce the number of measures

upvoted 2 times

🗨️ **Eltooth** 1 year, 9 months ago

Selected Answer: B

B is correct answer.

upvoted 1 times

🗨️ **DarioReymago** 1 year, 11 months ago

Selected Answer: B

b is correct

upvoted 2 times

🗨️ **ivanb94** 2 years, 2 months ago

putting them in the same folder is just a cosmetic change that does not impact any underlying problems

upvoted 3 times

🗨️ **Chk88** 2 years, 2 months ago

correct, use dax grouping instead

upvoted 1 times

🗨️ **sgodd_0298** 1 year, 10 months ago

DAX grouping does not exist, you can GROUPBY as a DAX function.

upvoted 1 times

🗨️ **nbagchi** 2 years, 2 months ago

Selected Answer: B

Correct

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this question, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI dataset named Dataset1.

In Dataset1, you currently have 50 measures that use the same time intelligence logic.

You need to reduce the number of measures, while maintaining the current functionality.

Solution: From Tabular Editor, you create a calculation group.

Does this meet the goal?

A. Yes

B. No

Suggested Answer: B

Community vote distribution

A (100%)

 **JasonVu** Highly Voted 2 years, 3 months ago

Answer is Yes

upvoted 18 times

 **nbagchi** Highly Voted 2 years, 2 months ago

Selected Answer: A

Answer should be Yes

upvoted 10 times


 **sheilawu** Most Recent 1 year, 5 months ago

Selected Answer: A

For reducing the measure , yes.

For reducing the speed, no.

upvoted 1 times

 **Eltooth** 1 year, 9 months ago

Selected Answer: A

A is correct answer.

upvoted 1 times

 **DarioReymago** 1 year, 11 months ago

Selected Answer: A

CG reduce the number of measures

upvoted 2 times

 **solref** 1 year, 11 months ago

Selected Answer: A

Calculation groups reduce the number of redundant measures

upvoted 2 times

 **Denis06** 2 years, 1 month ago

Calculation group is needed.

<https://databear.com/calculation-groups-in-power-bi/>

upvoted 4 times

 **louisaoak** 2 years, 2 months ago

Selected Answer: A

Calculation groups can significantly reduce the number of redundant measures by grouping common measure expressions as calculation items.

upvoted 4 times

🗨️ 👤 **cherious** 2 years, 2 months ago

Selected Answer: A

Yes. Calculation Group is the way to reduce the number of measures.

upvoted 4 times

🗨️ 👤 **Az301301X** 2 years, 2 months ago

Selected Answer: A

Calculation group is needed.

upvoted 4 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this question, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have a Power BI dataset named Dataset1.

In Dataset1, you currently have 50 measures that use the same time intelligence logic.

You need to reduce the number of measures, while maintaining the current functionality.

Solution: From DAX Studio, you write a query that uses grouping sets.

Does this meet the goal?

A. Yes

B. No

Suggested Answer: A

Community vote distribution

B (100%)

 **nbagchi** Highly Voted 2 years, 2 months ago

Selected Answer: B

Answer is No

upvoted 8 times

 **JasonVu** Highly Voted 2 years, 3 months ago

Answer should be No

upvoted 5 times


 **Alborz** Most Recent 1 year, 7 months ago

Selected Answer: B

Using grouping sets in DAX Studio allows you to create groups of measures, but it does not reduce the number of measures in the dataset.

Grouping sets are used to aggregate data across multiple dimensions in a query result, but they do not help in reducing the number of individual measures.

upvoted 2 times

 **Eltooth** 1 year, 9 months ago

Selected Answer: B

B is correct answer. CG needed.

upvoted 1 times

 **DarioReymago** 1 year, 11 months ago

Selected Answer: B

dax studio has no grouping set and calculation groups neither

upvoted 3 times

 **solref** 1 year, 11 months ago

Selected Answer: B

Grouping set doesnt exist on DAX STUDIO


<https://community.powerbi.com/t5/Desktop/DAX-Grouping-Sets/m-p/2079648#M774276>

upvoted 3 times

 **Madiba_kaka** 2 years, 1 month ago

DAX has no grouping set: <https://community.powerbi.com/t5/Desktop/DAX-Grouping-Sets/td-p/2078121>

upvoted 2 times

 **ivanb94** 2 years, 2 months ago

According to this: <https://community.powerbi.com/t5/Desktop/DAX-Grouping-Sets/td-p/2078121>, there is no such thing as a grouping set in DAX so the answer has to be no

upvoted 3 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this question, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are using an Azure Synapse Analytics serverless SQL pool to query a collection of Apache Parquet files by using automatic schema inference. The files contain more than 40 million rows of UTF-8-encoded business names, survey names, and participant counts. The database is configured to use the default collation.

The queries use OPENROWSET and infer the schema shown in the following table.

name	system_type_name	max_length
businessName	varchar(8000)	8000
surveyName	varchar(8000)	8000
participants	int	4

You need to recommend changes to the queries to reduce I/O reads and tempdb usage.

Solution: You recommend defining an external table for the Parquet files and updating the query to use the table.

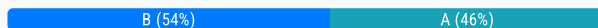
Does this meet the goal?

A. Yes

B. No

Suggested Answer: B

Community vote distribution



Az301301X Highly Voted 2 years, 2 months ago

You are using an Azure Synapse Analytics serverless SQL pool to query a collection of Apache Parquet files by using automatic schema inference. So, a View would do the trick, not an Ext Table, hence my answer would be NO. The correct in my opinion is a View.

upvoted 10 times

Sri966 Most Recent 1 year, 1 month ago

Selected Answer: B

NO is the answer

upvoted 1 times

manolet 1 year, 7 months ago

I choose B (NO) in the best practices reference it only mentions to Use CETAS to enhance query performance and joins:

<https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/best-practices-serverless-sql-pool>

upvoted 1 times

Alborz 1 year, 7 months ago

Selected Answer: A

Defining an external table for the Parquet files and updating the query to use the table can help reduce I/O reads and tempdb usage in Azure Synapse Analytics serverless SQL pool. By creating an external table, you are registering the Parquet files as a table in the database, which allows you to access the data directly without the need for OPENROWSET and schema inference. This can lead to improved query performance and reduced I/O and tempdb usage.

Using an external table can also simplify query development and improve data access efficiency. The table's metadata is maintained in the data catalog, which can help optimize query execution.

upvoted 2 times

manolet 1 year, 7 months ago

I don't find your explanation in the best practice reference page for serverless sql pool: <https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/best-practices-serverless-sql-pool>

upvoted 1 times

Eltooth 1 year, 9 months ago

Selected Answer: B

Bis correct answer.

upvoted 1 times

🗨️ **Sudhamisha** 1 year, 9 months ago

Correct answer is B

upvoted 1 times

🗨️ **Saffar** 2 years, 2 months ago

Selected Answer: B

I think it's B

upvoted 2 times

🗨️ **cherious** 2 years, 2 months ago

Selected Answer: A

Can't recommend it definitely but I would go for the yes because it is considered optimal to always use external table in Serverless SQL pool.

Native external tables that you can use to read and export data in various data formats such as CSV and Parquet. Native external tables are available in serverless SQL pools, and they are in public preview in dedicated SQL pools. Writing/exporting data using CETAS and the native external tables is available only in the serverless SQL pool, but not in the dedicated SQL pools.

The native external tables are the recommended solution in the pools where they are generally available. If you need to access external data, always use the native tables in serverless pools. In dedicated pools, you should switch to the native tables for reading Parquet files once they are in GA.

Source: <https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/develop-tables-external-tables?tabs=hadoop>

upvoted 2 times

🗨️ **cherious** 2 years, 2 months ago

I have change my mind.

I have read that external tables are useful for smaller datasets such as reference data or dimensions. The answer would be no

Source: <https://www.serverlesssql.com/optimisation/external-tables-vs-views-which-to-use/>

upvoted 6 times

🗨️ **Az301301X** 2 years, 2 months ago

Selected Answer: B

No in my opinion.

upvoted 3 times

🗨️ **nbagchi** 2 years, 2 months ago

Selected Answer: A

We can define the schema in an External Table

Check this: <https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/develop-tables-external-tables?tabs=hadoop#create-external-table>

upvoted 2 times

🗨️ **AT96** 2 years, 3 months ago

Correct answer is A

upvoted 2 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this question, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are using an Azure Synapse Analytics serverless SQL pool to query a collection of Apache Parquet files by using automatic schema inference. The files contain more than 40 million rows of UTF-8-encoded business names, survey names, and participant counts. The database is configured to use the default collation.

The queries use OPENROWSET and infer the schema shown in the following table.

name	system_type_name	max_length
businessName	varchar(8000)	8000
surveyName	varchar(8000)	8000
participants	int	4

You need to recommend changes to the queries to reduce I/O reads and tempdb usage.

Solution: You recommend using OPENROWSET WITH to explicitly specify the maximum length for businessName and surveyName.

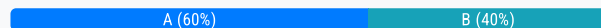
Does this meet the goal?

A. Yes

B. No

Suggested Answer: B

Community vote distribution



Fer079 Highly Voted 2 years ago

Selected Answer: A

Parquet files don't contain metadata about maximum character column length. So serverless SQL pool infers it as varchar(8000).

You can see an example like this question in the following link:

<https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/best-practices-serverless-sql-pool#check-inferred-data-types>

upvoted 9 times

solref 1 year, 11 months ago

It is exactly what I found! Thanks for sharing :)

upvoted 1 times

Alborz Most Recent 1 year, 7 months ago

Selected Answer: B

Using OPENROWSET WITH to explicitly specify the maximum length for businessName and surveyName does not meet the goal of reducing I/O reads and tempdb usage in Azure Synapse Analytics serverless SQL pool. Specifying the maximum length using OPENROWSET WITH will only enforce a length constraint on the columns but will not directly impact I/O reads or tempdb usage.

upvoted 1 times

Samuel77 1 year, 8 months ago

I will select B

upvoted 2 times

Pib2 1 year, 8 months ago

Selected Answer: A

on 40M rows reducing the default varchar(8000) to a smaller size will improve I/O and tempDb.

upvoted 1 times

DarioReymago 1 year, 11 months ago

Selected Answer: B

by default inferred data types show varchar(8000) with or without WITH clause

upvoted 2 times

solref 1 year, 11 months ago

Selected Answer: A

Parquet files don't contain metadata about maximum character column length. So serverless SQL pool infers it as varchar(8000).

You can optimize inferred data types, using WITH to specify max length

<https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/best-practices-serverless-sql-pool#check-inferred-data-types>

upvoted 2 times

🗨️ 👤 **solref** 1 year, 11 months ago

Answer= NO . I correct myself: The Schema definition is a best practice, but it doesnt explain a reduction of IO.

Use proper collation reduces the I/O

Data in a Parquet file is organized in row groups. Serverless SQL pool skips row groups based on the specified predicate in the WHERE clause, which reduces IO. The result is increased query performance.

<https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/best-practices-serverless-sql-pool#check-inferred-data-types>

upvoted 1 times

🗨️ 👤 **Maazi** 2 years, 2 months ago

Selected Answer: B

You don't need to use OPENROWSET WITH when reading Parquet files.

Ref: <https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/query-parquet-files>

upvoted 4 times

🗨️ 👤 **ivanb94** 2 years, 2 months ago

bc of the automatic schema that is even emphasized in the question scenario so I would definitely go with no as the correct answer.

upvoted 1 times

🗨️ 👤 **DS_newb** 1 year, 11 months ago

Check the Explicitly specify schema, I would vote A

upvoted 1 times

🗨️ 👤 **nbagchi** 2 years, 2 months ago

Selected Answer: B

Correct

upvoted 1 times

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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The queries use OPENROWSET and infer the schema shown in the following table.

name	system_type_name	max_length
businessName	varchar(8000)	8000
surveyName	varchar(8000)	8000
participants	int	4

You need to recommend changes to the queries to reduce I/O reads and tempdb usage.

Solution: You recommend defining a data source and view for the Parquet files. You recommend updating the query to use the view.

Does this meet the goal?

A. Yes

B. No

Suggested Answer: B

Community vote distribution



cherious Highly Voted 2 years, 2 months ago

Selected Answer: A

"views are generally faster and have more features such as OPENROWSET"

"External tables require an explicit defined schema while views can use OPENROWSET to provide automatic schema inference allowing for more flexibility (but note that an explicitly defined schema can provide faster performance)"

Source: <https://www.jamesserra.com/archive/2020/11/external-tables-vs-t-sql-views-on-files-in-a-data-lake/>

upvoted 8 times

Az301301X Highly Voted 2 years, 2 months ago

Selected Answer: A

Yes. Views is my answer for auto schema.

upvoted 5 times

Alborz Most Recent 1 year, 7 months ago

Selected Answer: A

When you define a data source and view for the Parquet files, you create metadata that specifies the schema of the data and its location. This eliminates the need for automatic schema inference during query execution, reducing I/O reads and improving performance.

upvoted 1 times

AN_78 1 year, 11 months ago

Selected Answer: A

Views are recommended for large datasets because they can have partition pruning. External table don't and are recommended for smaller datasets

upvoted 1 times

Chk88 2 years, 2 months ago

B correct

upvoted 1 times

nbagchi 2 years, 2 months ago

Selected Answer: B

Correct

upvoted 1 times

  **Az301301X** 2 years, 2 months ago

this is the correct. "External tables" require an explicit defined schema while "views" can use OPENROWSET to provide "automatic schema inference" allowing for more flexibility.

upvoted 3 times

HOTSPOT -

You are creating a Power BI Desktop report.

You add a Python visual to the report page.

You plan to create a scatter chart to visualize the data.

You add Python code to the Python script editor.

You need to complete the scatter chart.

How should you complete the Python code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
import  as chart
```

- matplotlib.axes
- matplotlib.projections
- matplotlib.pyplot
- matplotlib.widgets

```
dataset.plot(kind= 'scatter', x= 'Age', y= 'Weight', color= 'red')
```

-
- chart.clf()
- chart.plot()
- chart.show()
- shart.triplot()

Answer Area

```
import  as chart
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- matplotlib.axes
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dataset.plot(kind= 'scatter', x= 'Age', y= 'Weight', color= 'red')
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-
- chart.clf()
- chart.plot()
- chart.show()
- shart.triplot()

Suggested Answer:

nbagchi Highly Voted 2 years, 2 months ago

Correct

upvoted 7 times

Eltooth Most Recent 1 year, 8 months ago

matplotlib.pyplot

chart.show()

upvoted 1 times

DarioReymago 1 year, 11 months ago

As Homer says: Exaaaaact

...D'ouch!

upvoted 1 times

solref 1 year, 11 months ago

OK. checked it on:

https://www.w3schools.com/python/matplotlib_scatter.asp

upvoted 1 times

ivanb94 2 years, 2 months ago

In a few different Qs from this site examples of Python code contain the exact same parts of code that the provided answers suggest, so if this is not correct, Microsoft ppl making the Q would contradict themselves. There's your reassurance that the answers are correct.

upvoted 2 times

You are configuring a Power BI report for accessibility as shown in the following table.



You need to change the default colors of all three visuals to make the report more accessible to users who have color vision deficiency. Which two settings should you configure in the Customize theme window? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Theme colors
- B. Divergent colors
- C. Sentiment colors
- D. First-level elements colors

Suggested Answer: AC

Community vote distribution

BC (100%)

cherious Highly Voted 2 years, 2 months ago

Selected Answer: BC

Divergent colors - Colors used in conditional formatting to show where a data point falls in a range.

Sentiment colors - Colors used in key performance indicator (KPI) visuals and waterfall charts to indicate positive, negative, or neutral results.

upvoted 9 times

ivanb94 2 years, 2 months ago

these sound both correct so I think I have to agree

upvoted 2 times

SamuComqi Most Recent 1 year, 6 months ago

Selected Answer: BC

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Divergent colors

- Sentiment colors

upvoted 2 times

Plb2 1 year, 8 months ago

Selected Answer: BC

For this specific report, from left to right, top to bottom.

Visual 1; no updates needed

Visual2: divergent colors (colors used in conditional formatting to show where a data point falls in a range) need to be refined

Visual3; Waterfall charts can use sentiment colors (needs to be switched on)

upvoted 1 times

🗨️ 👤 **ike** 1 year, 10 months ago

Would select B and C
upvoted 2 times

🗨️ 👤 **solref** 1 year, 11 months ago

Selected Answer: BC

Sentiment colors for the KPI and Waterfall charts
Divergent colors : It works ok the Matrix graph
upvoted 3 times

🗨️ 👤 **6688Wj** 2 years, 2 months ago

<https://www.c-sharpcorner.com/article/customize-current-theme-from-power-bi-desktop-without-using-json-part-one/>
upvoted 2 times

🗨️ 👤 **6688Wj** 2 years, 2 months ago

I choose BC
Theme colors

We can set eight(8) different theme colors considering different data colors used for different charts, lines etc.

Sentiment colors

This can be used to indicate KPI visual as well as to represent positive and negative number for waterfall chart and to show positive, neutral and negative results.

Divergent colors

This can be used to represent conditional formatting to represent where data point falls in a range.
upvoted 3 times

You use Azure Synapse Analytics and Apache Spark notebooks to explore native visuals.
You need to use PySpark to gain access to the visual libraries.
Which Python libraries should you use?

- A. Seaborn and TensorFlow
- B. Seaborn only
- C. Matplotlib and Seaborn
- D. Matplotlib only
- E. Matplotlib and TensorFlow
- F. TensorFlow only

Suggested Answer: C

Community vote distribution

C (100%)

SamuComqi 1 year, 6 months ago

Selected Answer: C

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Matplotlib and Seaborn

upvoted 1 times

Pib2 1 year, 8 months ago

Selected Answer: C

<https://learn.microsoft.com/en-us/azure/synapse-analytics/spark/apache-spark-data-visualization#additional-libraries>

upvoted 2 times

Eltooth 1 year, 8 months ago

Selected Answer: C

C is correct answer.

upvoted 1 times

DarioReymago 1 year, 11 months ago

Selected Answer: C

C is correct.

upvoted 2 times

dera23 2 years ago

C is correct.

Seaborn is a data visualization library based on Matplotlib, mainly used for Statistical graphs.

Matplotlib is used for line plots, scatter plots, histograms, bar charts, pie charts and many other different plots

upvoted 2 times

stfglv 2 years, 1 month ago

100% Correct

upvoted 1 times

DRAG DROP -

You are using DAX Studio to query an XMLA endpoint.

You need to identify the duplicate values in a column named Email in a table named Subscription.

How should you complete the DAX expression? To answer, drag the appropriate values to the targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

Answer Area

CALCULATE

CONTAINS

CURRENTGROUP

EVALUATE

ROLLUP

SELECTEDVALUE








SUMMARIZE

```
(
  FILTER (
    GROUPBY (Subscription,
      Subscription[Email],
      "Rows",
      COUNTX ( [ ] (), [Email])
    )
    [Rows] > 1)
)
```

Answer Area

Suggested Answer:



```
CALCULATE (
  FILTER (
    GROUPBY (Subscription,
      Subscription[Email],
      "Rows",
      COUNTX ( CURRENTGROUP (), [Email])
    )
    [Rows] > 1)
)
```

-  **Arnaudvdc1981** Highly Voted 2 years, 2 months ago
Should be (1) EVALUATE and (2) CURRENT GROUP
upvoted 20 times
-  **cherious** Highly Voted 2 years, 2 months ago
EVALUATE & CURRENTGROUP is correct. Tested!
upvoted 14 times
-  **Eltooth** Most Recent 1 year, 8 months ago
EVALUATE
CURRENTGROUP
upvoted 5 times
-  **ike** 1 year, 10 months ago
EVALUATE not CALCULATE since you are using DAX Studio. Then CURRENT GROUP as well
upvoted 2 times
-  **DarioReymago** 1 year, 11 months ago
I prefer Evaluate and currentgroup.
We can't use calculate instead we use calculatetable that is not an option and is not necessary
upvoted 2 times
-  **JasonVu** 2 years, 3 months ago
Can anyone give the answer?
upvoted 1 times
-  **jeroen12345** 2 years, 2 months ago

1. EVALUATE (because its a Query)

2. Currentgroup

upvoted 4 times

  **solref** 1 year, 11 months ago

EVALUATE is a function that can be used to return the result of a table expression as a table. In this case, the FILTER and GROUPBY functions are used to create a table expression that returns the duplicate values in the Email column of the Subscription table.

CALCULATE, on the other hand, is used to manipulate the filter context of a measure in DAX. It takes an expression as its first argument that defines the measure to be calculated, and one or more filter expressions as its subsequent arguments. It cannot be used to return a table like EVALUATE does.

So, in summary, EVALUATE is the correct function to use in this case to return the table of duplicate email values, and CALCULATE is not a suitable alternative.

by Chat GPT

upvoted 3 times

You have a Power BI report that contains one visual.

You need to provide users with the ability to change the visual type without affecting the view for other users.

What should you do?

- A. From Tabular Editor, create a new perspective.
- B. From Visual options in Report settings, select Use the modern visual header with updated styling options.
- C. From Report setting, select Personalize visuals.
- D. From the Bookmarks pane, select Focus mode, and then select Add.

Suggested Answer: C

Community vote distribution

C (100%)

Maazi **Highly Voted** 2 years, 2 months ago

Selected Answer: C

Check <https://learn.microsoft.com/en-us/power-bi/create-reports/power-bi-personalize-visuals?tabs=powerbi-desktop>
upvoted 8 times

SamuComqi **Most Recent** 1 year, 6 months ago

Selected Answer: C

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- From Report setting, select Personalize visuals

upvoted 2 times

Eltooth 1 year, 8 months ago

Selected Answer: C

C is the correct answer.

upvoted 2 times

stfglv 2 years, 1 month ago

definitely correct

upvoted 2 times

You have a kiosk that displays a Power BI report page. The report uses a dataset that uses Import storage mode. You need to ensure that the report page updates all the visuals every 30 minutes. Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Configure the data sources to use DirectQuery.
- B. Select Auto page refresh.
- C. Enable Power BI embedded.
- D. Enable the XMLA endpoint.
- E. Add a Microsoft Power Automate visual to the report page.
- F. Configure the data sources to use a streaming dataset.

Suggested Answer: AB

Community vote distribution

AB (100%)

Maazi Highly Voted 2 years, 2 months ago

Selected Answer: AB

check <https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-automatic-page-refresh>
upvoted 9 times

ivanb94 2 years, 2 months ago

Normally I would use automatic refresh when data changes more frequently, but other options make no sense so by using elimination I would say AB is correct. Additionally, the link provides a screenshot example defining the auto reoccurring time interval for the refresh of exactly 30min, so let's stick with Microsoft's example.
upvoted 2 times

Deloro Most Recent 1 year, 5 months ago

Selected Answer: AB

i guess it's correct however, if it's imported, you cannot switch to direct query, once a report is 'import mode' it cant be switched, so you would have to rebuild and configure auto refresh, i don't see any other options in the list that would be good
upvoted 1 times

fireofsea 1 year, 6 months ago

if Import and DirectQuery conflicting? Maybe A is not Corrcet
<https://learn.microsoft.com/en-us/power-bi/connect-data/desktop-use-directquery>
upvoted 1 times

ankigolu26 1 year, 6 months ago

AB Correct
upvoted 1 times

Eltooth 1 year, 8 months ago

Selected Answer: AB

A and B are correct answers - as Maazi referenced.
<https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-automatic-page-refresh>
upvoted 1 times

DarioReymago 1 year, 11 months ago

Selected Answer: AB

as Maazi said <https://learn.microsoft.com/en-us/power-bi/create-reports/desktop-automatic-page-refresh>
upvoted 3 times

cookiemonster42 2 years, 1 month ago

Open AI says the following:

You should perform the following actions:

B. Select Auto page refresh: This option allows you to configure the report page to refresh automatically at a specified interval. In this case, you would set the refresh interval to 30 minutes to ensure that the report page updates all visuals every 30 minutes.

E. Add a Microsoft Power Automate visual to the report page: Power Automate is a cloud-based service that allows you to automate tasks and workflows. By adding a Power Automate visual to the report page, you can configure it to refresh the report page at a specific interval, such as every 30 minutes.

Note that you do not need to perform the other actions listed (Configure the data sources to use DirectQuery, Enable Power BI embedded, Enable the XMLA endpoint, Configure the data sources to use a streaming dataset) to achieve your desired outcome of updating the report page every 30 minutes. The options you need are "Auto page refresh" and "Microsoft Power Automate."

upvoted 2 times

You are using a Python notebook in an Apache Spark pool in Azure Synapse Analytics. You need to present the data distribution statistics from a DataFrame in a tabular view. Which method should you invoke on the DataFrame?

- A. rollup
- B. freqItems
- C. explain
- D. describe

Suggested Answer: D

Community vote distribution

D (100%)

🗨️ **ankigolu26** 1 year, 6 months ago

d is correct

upvoted 1 times

🗨️ **DarioReymago** 1 year, 11 months ago

Selected Answer: D

d is correct

upvoted 2 times

🗨️ **per_ing** 2 years, 1 month ago

Selected Answer: D

Duplicate of 101 and 103. Correct answer is D

upvoted 3 times

HOTSPOT -

You have the following code in an Azure Synapse notebook.

```
import matplotlib.pyplot as plt
x1 = [1, 3, 4, 5, 6, 7, 9]
y1 = [4, 7, 2, 4, 7, 8, 3]
x2 = [2, 4, 6, 8, 10]
y2 = [5, 6, 2, 6, 2]
plt.bar(x1, y1, label= "Blue Item", color= 'b')
plt.bar(x2, y2, label= "Green Item", color= 'g')
plt.plot()
plt.xlabel("Number")
plt.ylabel("Height")
plt.title("My Chart")
plt.legend()
plt.show()
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the code.

NOTE: Each correct selection is worth one point.

Answer Area

Running the code will create a [answer choice] in the output cell.

- clustered bar chart
- histogram
- line chart
- stacked bar chart

The legend for the resulting chart will list [answer choice] in the legend.

- one item
- two items
- five items
- seven items

Answer Area

Running the code will create a [answer choice] in the output cell.

- clustered bar chart
- histogram
- line chart
- stacked bar chart

Suggested Answer:

The legend for the resulting chart will list [answer choice] in the legend.

- one item
- two items
- five items
- seven items

🗨️ **MohsenSic** 1 year, 8 months ago

since these two sets do not share the same axis, the results are both stacked bar(same x) and grouped bar chart(different x),!
upvoted 2 times

🗨️ **DarioReymago** 1 year, 11 months ago

ok, is stacked bar, tested
upvoted 2 times

🗨️ **solref** 1 year, 11 months ago

I ran the code, and the Answer it OK!
import matplotlib.pyplot as plt



x1= [1,3,4,5,6,7,9]

y1= [4,7,2,4,7,8,3]



```
x2= [2,4,6,8,10]
```

```
y2= [5,6,2,6,2]
```

```
plt.bar(x1,y1, label = "Blue Item", color= 'b')  
plt.bar(x2,y2, label = "Green Item", color= 'g')  
plt.plot()  
plt.xlabel("Number")  
plt.ylabel("Height")  
plt.title("My chart")  
plt.legend()  
plt.show()  
upvoted 3 times
```

  **stfglv** 2 years, 1 month ago



very similar example here that confirms the code outcome: <https://www.geeksforgeeks.org/create-a-stacked-bar-plot-in-matplotlib/>
upvoted 1 times

  **louisak** 2 years, 2 months ago

answer is correct
upvoted 3 times

  **cherious** 2 years, 2 months ago

Answer is correct. I ran the code.
upvoted 4 times

  **AshwinN1992** 2 years, 2 months ago

Please confirm the option
upvoted 2 times

HOTSPOT -

You have the following code in an Azure Synapse notebook.

```
import matplotlib.pyplot as plt
x1 = [2, 3, 4]
y1 = [5, 5, 5]
x2 = [1, 2, 3, 4, 5]
y2 = [2, 3, 2, 3, 4]
y3 = [6, 8, 7, 8, 7]
plt.scatter(x1, y1)
plt.scatter(x2, y2, marker= 'v', color= 'r')
plt.scatter(x2, y3, marker= '^', color= 'm')
plt.title('Scatter Plot')
plt.show()
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the code.

NOTE: Each correct selection is worth one point.

Answer Area

There will be [answer choice] rendered as the output of the code.

- one scatterplot
- two scatterplots
- three scatterplots

There will be [answer choice] used in the output.

- one marker symbol
- two marker symbols
- three maker symbols

Answer Area

There will be [answer choice] rendered as the output of the code.

Suggested Answer:

- one scatterplot
- two scatterplots
- three scatterplots


There will be [answer choice] used in the output.

- one marker symbol
- two marker symbols
- three maker symbols

 **Ramiel** Highly Voted 2 years, 2 months ago

The answer should be "one scatterplot" and "three markers".

upvoted 26 times

 **Ati1362** 2 years, 2 months ago

I ran the code, Ramiel answer is correct: "1 scatterplot" and "3 markers"

upvoted 7 times

 **solref** 1 year, 11 months ago

I ran the code too.

The ANSWER = 1 Scatterplot and 3 markers

upvoted 4 times

 **solref** 1 year, 11 months ago

```
import matplotlib.pyplot as plt
```

```
x1= [2, 3, 4]
```

```
y1= [5, 5, 5]
```

```
x2= [1, 2, 3, 4, 5]
```

```
y2= [2, 3, 2, 3, 4]
```

```
x3= [1, 2, 3, 4, 5]
```

```
y3= [6, 8, 7, 8, 7]
```

```
plt.scatter(x1,y1)
```

```
plt.scatter(x2,y2,marker= 'v', color= 'r')
```

```
plt.scatter(x2,y3,marker= '^', color= 'm')
```

```
plt.title('Scatter Plot')
```

```
plt.show()
```

upvoted 4 times

🗄️ 👤 **Akin_Eren** Most Recent 1 year, 2 months ago

1 scatterplot with 3 markers

ran the code

upvoted 1 times

🗄️ 👤 **Deloro** 1 year, 5 months ago

confirmed!! ran code, 1 plot, 3 markers

upvoted 1 times

🗄️ 👤 **orionduo** 1 year, 6 months ago

A Scatter plot is a plot in which coordinates are shown as markers(dots) on the graph. A Scatter plot is useful for showing the relationship between the variables.

In matplotlib, a scatter plot is implemented using the scatter() function, which takes at least two parameters, x-axis data and y-axis data.

Therefore, there are 3 scatter() functions means that there are 3 scatter plots

The answer, I think, is 3 scatterplots & 3 makers

upvoted 1 times

🗄️ 👤 **Deloro** 1 year, 5 months ago

I ran the code, 1 plot, 3 markers

upvoted 1 times

🗄️ 👤 **dtmhien** 1 year, 7 months ago

one scatterplot - 3 marker - tested

upvoted 1 times

🗄️ 👤 **Pib2** 1 year, 8 months ago

It's multiple (3) scatterplots in one figure (and using three markers to help distinguish the three scatterplots)

upvoted 2 times

🗄️ 👤 **DarioReymago** 1 year, 11 months ago

3 scatterplot and 3 markers

upvoted 2 times

🗄️ 👤 **Az301301X** 1 year, 11 months ago

OK, using Chat GPT:

i have this code in Azure Synapse Notebook:

```
import matplotlib.pyplot as plt
```

```
x1= [2, 3, 4]
```

```
y1= [5, 5, 5]
```

```
x2= [1, 2, 3, 4, 5]
```

```
y2= [2, 3, 2, 3, 4]
```

```
y3= [6, 8, 7, 8, 7]
```

```
plt.scatter(x1,y1)
```

```
plt.scatter(x2,y2,marker= 'v', color= 'r')
```

```
plt.scatter(x2,y3,marker= '^', color= 'm')
```

```
plt.title('Scatter Plot')
```

plt.show()

How many markers and scatterplots will i get???

upvoted 1 times

🗨️ 👤 **Az301301X** 1 year, 11 months ago

Chat GPT answer:

You will get three scatter plots, one for each set of data points (x_1, y_1) , (x_2, y_2) , and (x_2, y_3) . The first scatter plot will have circular markers, the second scatter plot will have downward-pointing triangles as markers, and the third scatter plot will have upward-pointing triangles as markers. Therefore, you will have a total of two different markers.

upvoted 1 times

🗨️ 👤 **DS_newb** 1 year, 11 months ago

to those really do EDA or visualization in python, should know there should only one plot figure

upvoted 2 times

🗨️ 👤 **Az301301X** 2 years ago

OK, If I see the comments from cookiemonster42, I would say that the right answer is:

"3 scatterplot" and "2 markers".

I havent ran the code, but reading it one could infer the outcome.

upvoted 1 times

🗨️ 👤 **dera23** 2 years ago

The answer is 3 scatter plots and 3 markers like cookiemonster42 explained below

upvoted 1 times

🗨️ 👤 **cookiemonster42** 2 years, 1 month ago

This is a Python script that generates a scatter plot using the Matplotlib library. The script generates 3 scatter plots, with the following characteristics:

First scatter plot:

x-axis data: [2, 3, 4]

y-axis data: [5, 5, 5]

Second scatter plot:

x-axis data: [1, 2, 3, 4, 5]

y-axis data: [2, 3, 2, 3, 4]

Marker style: 'v'

Color: 'r' (red)

Third scatter plot:

x-axis data: [1, 2, 3, 4, 5]

y-axis data: [6, 8, 7, 8, 7]

Marker style: '^'

Color: 'm' (magenta)

The final line, plt.show(), is used to display the scatter plot in a GUI window.

upvoted 2 times

🗨️ 👤 **Az301301X** 2 years ago

So, the correct answer should be 3 scatterplot and 3 markers???

upvoted 1 times

HOTSPOT -

You use Advanced Editor in Power Query Editor to edit a query that references two tables named Sales and Commission.

A sample of the data in the Sales table is shown in the following table.

OrderID	SalesPerson	Amount
101	Tom	199.99
103	Eileen	279.99
108	Enrique	333.42

A sample of the data in the Commission table is shown in the following table.

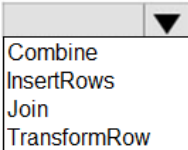

Person	Commission
Tom	0.04
Eileen	0.05

You need to merge the tables by using Power Query Editor without losing any rows in the Sales table.

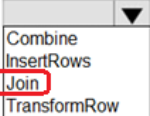

How should you complete the query? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Combined = Table.  (Sales, "SalesPerson", Commission, , "Name", JoinKind.

Answer Area

Suggested Answer: Combined = Table.  (Sales, "SalesPerson", Commission, , "Name", JoinKind.

 **SamuComqi** 1 year, 6 months ago


I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Join

- LeftOuter

upvoted 3 times

 **Eltooth** 1 year, 8 months ago

Join

LeftOuter

upvoted 1 times


 **DarioReymago** 1 year, 11 months ago

in Power Q is joinNested and leftouter

<https://learn.microsoft.com/en-us/power-query/merge-queries-left-anti>

<https://learn.microsoft.com/en-us/power-query/merge-queries-left-outer>

upvoted 1 times

 **stfglv** 2 years, 1 month ago


Considering that Left.Outer per definition keeps all the rows in the "left" table, here Sales, the answer is definitely correct

upvoted 2 times

 **moreinva43** 2 years, 2 months ago

Just created two tables same data and combine them in Power BI, join and leftouter is correct.

upvoted 3 times

 **AshwinN1992** 2 years, 2 months ago

Is this correct

upvoted 3 times

You have a Power BI dataset named Dataset1 that uses DirectQuery against an Azure SQL database named DB1. DB1 is a transactional database in the third normal form. You need to recommend a solution to minimize how long it takes to execute the query. The solution must maintain the current functionality. What should you include in the recommendation?

- A. Remove the relationships from Dataset1.
- B. Normalize the tables in DB1.
- C. Create calculated columns in Dataset1.
- D. Denormalize the tables in DB1.

Suggested Answer: D

Community vote distribution

D (100%)

🗨️ **SamuComqi** 1 year, 6 months ago

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Denormalize the tables in DB1

upvoted 1 times

🗨️ **Plb2** 1 year, 8 months ago

Selected Answer: D

D(enormalize)

upvoted 3 times

🗨️ **DarioReymago** 1 year, 11 months ago

Selected Answer: D

I think D is correct

upvoted 2 times

🗨️ **cookiemonster42** 2 years, 1 month ago

shouldn't it be B, because long tables are taking longer to process?

upvoted 1 times

🗨️ **stfglv** 2 years, 1 month ago

no because "DB1 is a transactional database in the third normal form" --> the last part of the sentence means that it is already normalized.

upvoted 1 times

🗨️ **per_ing** 2 years, 1 month ago

Denormalized tables are quicker to read than normalized, so I believe this is correct <https://medium.com/@innerbit/when-and-how-you-should-denormalize-a-relational-database-75047344ebac>

upvoted 4 times

🗨️ **salvalcaraz** 1 year, 2 months ago

A query performs faster in a big denormalized table.

Normalized databases requires more joins, which are expensive query processes.

upvoted 1 times

You have a file named File1.txt that has the following characteristics:

A header row -

Tab delimited values -

UNIX-style line endings -

You need to read File1.txt by using an Azure Synapse Analytics serverless SQL pool.

Which query should you execute?

```
A. SELECT*
FROM OPENROWSET(
  BULK 'file1.txt',
  DATA_SOURCE = 'Sql1',
  FORMAT = 'CSV', PARSER_VERSION = '2.0',
  FIELDTERMINATOR = '\t',
  ROWTERMINATOR = '0x0a',
```

```
FIRSTROW= 2 -
)
```

```
B. SELECT*
FROM OPENROWSET(
  BULK 'file1.txt',
  DATA_SOURCE = 'Sql1',
  FORMAT = 'CSV', PARSER_VERSION = '2.0',
  FIELDTERMINATOR = ',',
  ROWTERMINATOR = '\n',
```

```
FIRSTROW= 2 -
)
```

```
C. SELECT*
FROM OPENROWSET(
  BULK 'file1.txt',
  DATA_SOURCE = 'Sql1',
  FORMAT = 'CSV', PARSER_VERSION = '2.0',
  FIELDTERMINATOR = ',',
  ROWTERMINATOR = '0x0a',
```

```
FIRSTROW= 2 -
)
```

```
D. SELECT*
FROM OPENROWSET(
  BULK 'file1.txt',
  DATA_SOURCE = 'Sql1',
  FORMAT = 'CSV', PARSER_VERSION = '2.0',
  FIELDTERMINATOR = '\t',
  ROWTERMINATOR = '0x0a',
```

```
FIRSTROW= 1 -
)
```

Suggested Answer: A

Community vote distribution

Maazi Highly Voted 2 years, 2 months ago

Selected Answer: A

Ref: <https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/query-single-csv-file>

upvoted 6 times

DarioReymago Most Recent 1 year, 11 months ago

Selected Answer: A

a is correct

upvoted 1 times

Az301301X 1 year, 11 months ago

Selected Answer: A

Chat GPT:

Based on the characteristics of the File1.txt, the correct query to execute in Azure Synapse Analytics serverless SQL pool is option A.

This query uses the OPENROWSET function to read a CSV file, which is specified by the BULK option. The FIELDTERMINATOR is set to a tab character (\t), and the ROWTERMINATOR is set to the UNIX-style line ending (0x0a). The FIRSTROW option is set to 2 to skip the header row.

Option B uses a comma as the field terminator, which does not match the tab-delimited format of the file. Option C uses a comma as the field terminator and the UNIX-style line ending as the row terminator, which does not match the characteristics of the file. Option D sets the FIRSTROW option to 1, which would include the header row in the result set.

So, A.

upvoted 2 times

solref 1 year, 11 months ago

CHAT GPT :

Based on the characteristics of the File1.txt, the correct query to read the file using an Azure Synapse Analytics serverless SQL pool is: D

Explanation:

The file has a header row, so it's important to specify that the first row is not a header row in the query by setting FIRSTROW=1.

The file is tab-delimited, so FIELDTERMINATOR should be set to '\t'.

The file has UNIX-style line endings, so ROWTERMINATOR should be set to '0x0a'.

The FORMAT option should be set to 'CSV', even though it is not strictly a CSV file because it is tab-delimited. This is because CSV format can handle tab-delimited files as well.

Options A, B, and C are not correct because they have incorrect field terminators or row terminators, or they do not specify that the first row is a header row.

upvoted 1 times

cookiemonster42 2 years, 1 month ago

It's C, open AI confirmed it :)

upvoted 1 times

stfglv 2 years, 1 month ago

This part of the A solution is the key and makes all other solutions incorrect (t for tab): FIELDTERMINATOR = '\t'

upvoted 4 times

Az301301X 2 years, 1 month ago

....and FIRSTROW= 2, because the Headers.

upvoted 2 times

solref 1 year, 11 months ago

You are right

Terminating character Tab = '\t'

Newline character = '\n'



<https://learn.microsoft.com/en-us/sql/relational-databases/import-export/specify-field-and-row-terminators-sql-server?view=sql-server-ver16>

upvoted 1 times

sgodd_0298 1 year, 10 months ago

Option D contains FIELDTERMINATOR = '\t' as well FYI.

upvoted 1 times

  **moreinva43** 2 years, 2 months ago

that website makes it look like the answer is c with the same field terminator and row terminator.

upvoted 1 times

HOTSPOT -

You have a Power BI dataset that has the query dependencies shown in the following exhibit.



Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Answer Area

When the dataset refreshes, the Orders query will be executed [answer choice] times.

[Answer choice] will reduce data refresh times for this model.

Answer Area

When the dataset refreshes, the Orders query will be executed [answer choice] times.

Suggested Answer:

[Answer choice] will reduce data refresh times for this model.

Arnaudvdc1981 Highly Voted 2 years, 2 months ago

Orders query is executed 3 times but creating a dataflow will reduce data refresh times, not the table.buffer

<https://learn.microsoft.com/en-us/power-bi/guidance/power-query-referenced-queries>

upvoted 18 times

6688Wj Highly Voted 2 years, 2 months ago

3 and Dataflow

upvoted 10 times

SamuComqi Most Recent 1 year, 6 months ago

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- 3

- Replacing the Orders query with a dataflow

upvoted 4 times

Eltooth 1 year, 8 months ago

3

Dataflow

upvoted 2 times

cherious 2 years, 2 months ago

3 and Dataflow.

When the data model is refreshed, it's often assumed that Power Query retrieves the Query1 result, and that it's reused by referenced queries. This thinking is incorrect. In fact, Power Query executes Query2, Query3, and Query4 separately. Query1 is executed three times. The multiple executions can result in slow data refresh, and negatively impact on the data source.

The use of the Table.Buffer function in Query1 won't eliminate the additional data retrieval. We recommend you create a dataflow instead. Using a dataflow can improve data refresh time, and reduce impact on your data sources.



Source: <https://learn.microsoft.com/en-us/power-bi/guidance/power-query-referenced-queries>

upvoted 7 times

  **JasonVu** 2 years, 3 months ago

should be 0

upvoted 2 times

  **JasonVu** 2 years, 3 months ago

3. Did not see the reference query

upvoted 4 times

You are creating an external table by using an Apache Spark pool in Azure Synapse Analytics. The table will contain more than 20 million rows partitioned by date. The table will be shared with the SQL engines.

You need to minimize how long it takes for a serverless SQL pool to execute a query data against the table.

In which file format should you recommend storing the table data?

- A. CSV
- B. Delta
- C. JSON
- D. Apache Parquet

Suggested Answer: D

Community vote distribution

D (100%)

🗨️ 👤 **Qordata** 1 year, 5 months ago

D is correct

Reference: <https://learn.microsoft.com/en-us/azure/synapse-analytics/sql/best-practices-serverless-sql-pool#prepare-files-for-querying>
upvoted 1 times

🗨️ 👤 **SamuComqi** 1 year, 6 months ago

Selected Answer: D

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

Apache Parquet

upvoted 1 times

🗨️ 👤 **Albeeliu** 1 year, 10 months ago

From Chatgpt:

By using Apache Parquet format for the external table, you can minimize the query execution time for serverless SQL pools in Azure Synapse Analytics because:

Columnar storage: Apache Parquet stores data in a columnar format, which allows for highly efficient and fast data access. This means that queries against the external table can be executed faster because only the relevant columns are read.

Compression: Apache Parquet uses a highly efficient compression algorithm, which reduces the size of the data on disk. Smaller data size means less data to transfer, which results in faster query execution time.

Partitioning: Apache Parquet supports partitioning, which allows you to subdivide the external table into smaller, more manageable files. When querying the table, only the relevant partitions are scanned, which makes query execution faster.

Overall, by using Apache Parquet for the external table, you can significantly reduce the amount of time it takes for a serverless SQL pool to execute a query against the table, making it a more performant solution for analyzing large datasets.

upvoted 1 times

🗨️ 👤 **Hongzu13** 2 years ago

Selected Answer: D

Well, this link doesn't give the answer directly, but MS indirectly states that you should use Apache Parquet files for your SQL serverless pool.

<https://learn.microsoft.com/en-us/azure/synapse-analytics/get-started-analyze-sql-on-demand>

upvoted 2 times

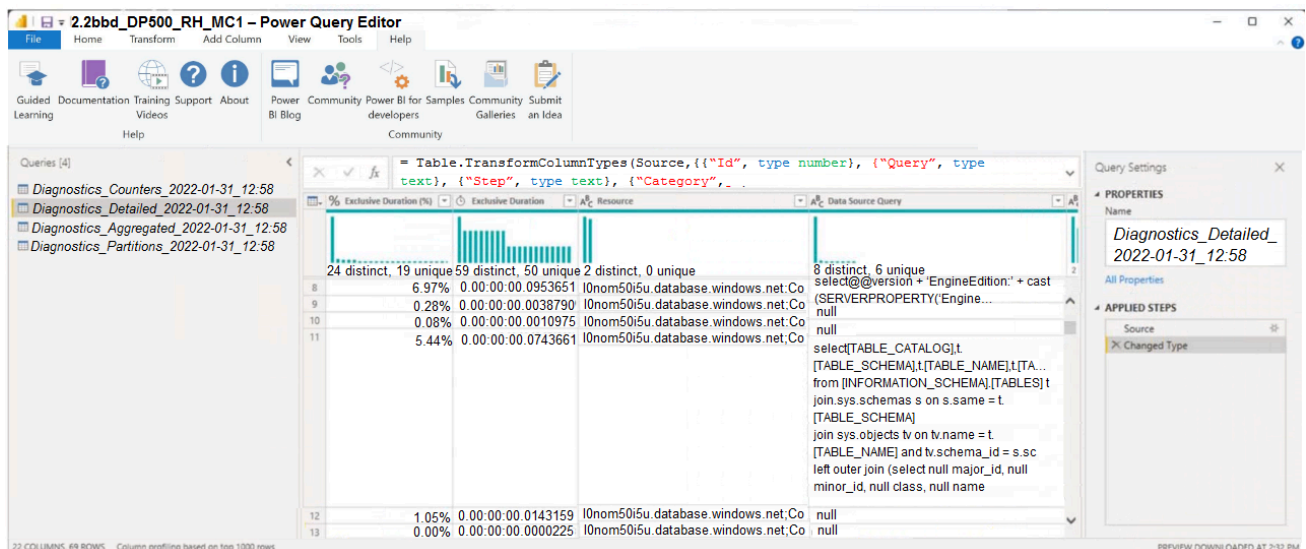
🗨️ 👤 **louisak** 2 years, 2 months ago

Selected Answer: D

D is correct

upvoted 3 times

You are running a diagnostic against a query as shown in the following exhibit.



What can you identify from the diagnostics query?

- A. Some query steps are folding.
- B. The query is timing out.
- C. Elevated permissions are being used to query records.
- D. All the query steps are folding.

Suggested Answer: D

Community vote distribution

D (100%)

DarioReymago 1 year, 11 months ago

Selected Answer: D

I understand that all query could be sent to source, for this reason it is folded
upvoted 1 times

Saffar 2 years, 2 months ago

Answer is correct,

non of the steps added to query prevent folding, which means folding should be working fine in all steps

Steps that prevent folding:

<https://learn.microsoft.com/en-us/power-query/power-query-folding#transformations-that-prevent-folding>

upvoted 3 times

AshwinN1992 2 years, 2 months ago

Please confirm

upvoted 2 times

DRAG DROP -

You are configuring Azure Synapse Analytics pools to support the Azure Active Directory groups shown in the following table.

Name	Requirement
Group1	Analyze data to create and train machine learning models in Synapse Analytics.
Group2	Execute complex queries with multiple joins against relational data. Results will be exported by using PolyBase.
Group3	Query and load data from Apache Parquet files stored in Azure Data Lake Storage Gen2. Costs must be based on the amount of data processed.

Which type of pool should each group use? To answer, drag the appropriate pool types to the groups. Each pool type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Pool Types

Answer Area

Apache Spark pool

Group1:

Dedicated SQL pool

Group2:

Serverless SQL pool

Group3:


Answer Area

Suggested Answer:

Group1:

Group2:

Group3:

 **Eltooth** 1 year, 8 months ago

Apache

Dedicated

Serverless

upvoted 3 times

 **DarioReymago** 1 year, 11 months ago


I think this is ok, but not sure

upvoted 1 times

 **solref** 1 year, 11 months ago

it ok! :)

upvoted 1 times

 **per_ing** 2 years, 1 month ago

I believe this is correct <https://www.royalcyber.com/resources/blogs/dedicated-sql-pool-vs-serverless-sql/>

upvoted 1 times

DRAG DROP -

You have a Power BI dataset. The dataset contains data that is updated frequently.

You need to improve the performance of the dataset by using incremental refreshes.

Which four actions should you perform in sequence to enable the incremental refreshes? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

Define the incremental refresh policy for the table.

Enable query caching.

Publish the model to the Power BI service.

Create RangeStart and RangeEnd parameters.

Use the Power BI REST API to post a message to /refreshes.

Apply a custom Date/Time filter to the data.



Answer Area

Create RangeStart and RangeEnd parameters.

Apply a custom Date/Time filter to the data.

Define the incremental refresh policy for the table.

Publish the model to the Power BI service.

Suggested Answer:

MaryemSB 1 year, 2 months ago

correct answer

upvoted 1 times

Cata23 1 year, 7 months ago

This is correct :)

upvoted 2 times

Eltooth 1 year, 8 months ago

Create

Apply

Define

Publish

upvoted 3 times

DarioReymago 1 year, 11 months ago

is corrrrrrect

upvoted 2 times

stfglv 2 years, 1 month ago

the correct sequence is: 1. define the RangeStart and RangeEnd parameters 2. apply customer filter to the Date column 3. define incremental refresh policy 4. publish the model

source: <https://learn.microsoft.com/en-us/power-bi/connect-data/incremental-refresh-configure>
upvoted 3 times

You develop a solution that uses a Power BI Premium capacity. The capacity contains a dataset that is expected to consume 50 GB of memory.

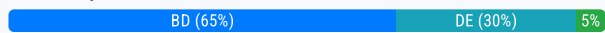
Which two actions should you perform to ensure that you can publish the model successfully to the Power BI service? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Restart the capacity.
- B. Publish an initial dataset that is less than 10 GB.
- C. Increase the Max Offline Dataset Size setting.
- D. Invoke a refresh to load historical data based on the incremental refresh policy.
- E. Publish the complete dataset.

Suggested Answer: DE

Community vote distribution



salvalcaraz 1 year, 2 months ago

Selected Answer: DE

It's in the docs: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-large-models#enable-large-semantic-models>

--> Publish the model as a semantic model to the service.

--> Invoke a refresh to load historical data based on the incremental refresh policy.

upvoted 3 times

DarioReymago 1 year, 11 months ago

Selected Answer: BD

in practice B y D is the best solution

upvoted 2 times

Az301301X 1 year, 11 months ago

Selected Answer: CE

Chat GPT:

The correct options to ensure successful publishing of a Power BI Premium dataset that is expected to consume 50 GB of memory are:

C. Increase the Max Offline Dataset Size setting: Power BI Premium capacity has a default limit of 10 GB for the maximum offline dataset size that can be published to the service. You can increase this limit to accommodate larger datasets. In this case, you should increase the limit to 50 GB to support the dataset.

E. Publish the complete dataset: To ensure that the complete dataset is published successfully, you should not publish an initial dataset that is less than 10 GB, as suggested in option B. Also, restarting the capacity, as suggested in option A, is not necessary in this scenario. Invoking a refresh to load historical data based on the incremental refresh policy, as suggested in option D, is optional and does not affect the publishing process.

Therefore, the correct actions to perform are to increase the Max Offline Dataset Size setting to 50 GB and publish the complete dataset.

upvoted 1 times

Qordata 1 year, 5 months ago

C is definitely wrong please read below as per the logic provided below comments in documentation negate it, anyhow a smaller dataset could have a larger in memory size and to support more than 10 GB one needs to definitely enable Large Dataset storage format which is not there in options.



To safeguard the performance of the system, an additional SKU-specific hard ceiling for max offline dataset size is applied, regardless of the configured value. The additional SKU-specific hard ceiling in the below table does not apply to Power BI datasets stored in large dataset storage format.

EM1/A1 EM2/A2 EM3/A3 P1/A4 P2/A5 P3/A6 P4/A7 P5/A8

Hard ceiling for Max Offline Dataset Size 3 GB 5 GB 6 GB 10 GB 10 GB 10 GB 10 GB

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-premium-workloads#max-offline-dataset-size>



upvoted 1 times

  **solref** 1 year, 11 months ago

Selected Answer: DE

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-large-models>

upvoted 3 times

  **stfglv** 2 years, 1 month ago

We need to differentiate between the limit for a dataset and limit for a data model that will be uploaded to the service. As this link (<https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-large-models>) states, for Premium the option to enable large datasets does not affect the PBI Desktop model upload size, which is still limited to 10 GB. "Instead, datasets can grow beyond that limit in the service on refresh." . In conclusion, until you upload it it has to be smaller than 10GB and afterwards it can grow beyond that. Incremental refresh is a must obviously.

upvoted 2 times


  **ThariCD** 2 years ago

The link you mention also includes the steps to enable a large dataset for a new model published to the service, which are:

1. Create a model in Power BI Desktop. If your dataset will become larger and progressively consume more memory, be sure to configure Incremental Refresh
2. Publish the model as a dataset to the service
3. In the service > dataset > Settings, expand Large dataset storage format, set the slider to On and select Apply

Doesn't that mean that D & E are the correct answers? The incremental refresh is obvious from step 1 but doesn't step 2 mean you should publish the complete dataset? Nowhere in those steps does it say you need to first publish 10 GB of your dataset.

upvoted 2 times



  **Qordata** 1 year, 5 months ago

Complete dataset is of 50 GB size so you could publish the complete data set hence E is wrong.

First you publish the dataset where you had configured the incremental refresh in powerbi desktop file and it's size is less than 10 GB which makes option B correct

Then you do what is mentioned in option D which would make the dataset to consume 50GB of memory maybe but for that you would have to enable large dataset storage format keep that in mind


upvoted 1 times

  **Saffar** 2 years, 2 months ago

Selected Answer: BD

I think BD is correct.

upvoted 4 times

  **cherious** 2 years, 2 months ago

Selected Answer: BD

BD is correct.

upvoted 4 times

  **Maazi** 2 years, 2 months ago

I think D & E are the correct answers.

See the section "Enable large Datasets" at <https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-large-models>

upvoted 2 times

  **jeroen12345** 2 years, 2 months ago

Selected Answer: BD

D + B is correct

upvoted 3 times

You have a Power BI workspace named Workspace1 in a Premium capacity. Workspace1 contains a dataset.

During a scheduled refresh, you receive the following error message: "Unable to save the changes since the new dataset size of 11,354 MB exceeds the limit of 10,240 MB."

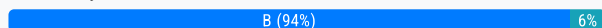
You need to ensure that you can refresh the dataset.

What should you do?

- A. Change License mode to Premium per user.
- B. Turn on Large dataset storage format.
- C. Connect Workspace1 to an Azure Data Lake Storage Gen2 account.
- D. Change the location of the Premium capacity.

Suggested Answer: D

Community vote distribution



JasonVu Highly Voted 2 years, 3 months ago

Answer is B

upvoted 13 times

6688Wj Highly Voted 2 years, 2 months ago

I think is B

<https://blog.crossjoin.co.uk/2022/11/07/understanding-the-unable-to-save-the-changes-since-the-new-dataset-of-size-error-in-power-bi/>

upvoted 7 times

JCanData Most Recent 1 year, 4 months ago

yeah but it says, Workspace1 in a Premium capacity. so answer is D

upvoted 1 times

Eltooth 1 year, 8 months ago

Selected Answer: B

B is the correct answer.

upvoted 1 times

DarioReymago 1 year, 11 months ago

Selected Answer: B

b is ok

upvoted 2 times

solref 1 year, 11 months ago

Selected Answer: B

The Answer D , would be ok if the topic would explain the region where the workspace was located. Some regions don't support large datasets, and the large dataset storage format option is disabled.

Check the list : <https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-large-models#region-availability>

Because the question/case doesn't express a Region limitation, it should be ok to select opc B, regarding to: Enable the Large dataset storage format option to use datasets in Power BI Premium that are larger than the default limit.

Link here: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-large-models>

upvoted 2 times

Fer079 2 years ago

Selected Answer: D

The message error says "Unable to save the changes since the new dataset size of 11,354 MB exceeds the limit of 10,240 MB.", so it means that the limit is already 10GB so the "large dataset storage format" is already turned on.

Therefore the only feasible option is D to change a new SKU with more resources.

This article is very clear:

<https://blog.crossjoin.co.uk/2022/11/07/understanding-the-unable-to-save-the-changes-since-the-new-dataset-of-size-error-in-power-bi/>

upvoted 1 times

🗨️ 👤 **Fer079** 2 years ago

sorry guys, ignore my previous comment.

The default dataset size for power bi premium is 10 GB, but enabling the "large dataset storage format" option we can have a larger dataset
upvoted 1 times

🗨️ 👤 **ThariCD** 2 years ago

Selected Answer: B

I agree with previous comments. Since you're already in a Premium capacity, you should enable the Large dataset storage format. I don't see what the location of the Premium capacity has to do with this as per answer D...

upvoted 3 times

🗨️ 👤 **Ngol** 2 years, 1 month ago

Selected Answer: B

B is correct

upvoted 3 times

🗨️ 👤 **Ramiel** 2 years, 2 months ago

Selected Answer: B

It should be B

upvoted 4 times

🗨️ 👤 **Ramiel** 2 years, 2 months ago

Agreed with previous commenters, I think the answer should be B:

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-large-models>

upvoted 3 times

DRAG DROP -

You have a Power BI dataset that contains the following measures:

Budget -

Actuals -

Forecast -

You create a report that contains 10 visuals.

You need provide users with the ability to use a slicer to switch between the measures in two visuals only.

You create a dedicated measure named CG Measure Switch.

How should you complete the DAX expression for the Actuals measure? To answer, drag the appropriate values to the targets. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Values

Answer Area

ISSELECTEDMEASURE () IF (= "CG Measure Switch", [Actuals],)

SELECTEDMEASURENAME
()

SELECTEDMEASURE ()

SELECTEDVALUE ()

Answer Area

Suggested Answer:

IF (SELECTEDMEASURENAME () = "CG Measure Switch", [Actuals], SELECTEDVALUE ())

 **Maazi** Highly Voted 2 years, 2 months ago

I think it should be SELECTEDMEASURENAME and SELECTEDMEASURE.

SELECTEDVALUE requires at least one parameter and this has to be a column in a table.

upvoted 21 times

 **louisak** Highly Voted 2 years, 2 months ago

SELECTEDMEASURENAME and SELECTEDMEASURE are correct


upvoted 6 times

 **Eltooth** Most Recent 1 year, 8 months ago

SELECTEDMEASURENAME

SELECTEDMEASURE

upvoted 1 times

 **Eltooth** 1 year, 8 months ago

See Q#98

upvoted 1 times

HOTSPOT -

You are configuring an aggregation table as shown in the following exhibit.

Manage aggregations

Aggregations accelerate query performance to unlock big-data sets. [Learn more](#)

Aggregation table: FactSales(Agg) Precedence: 0

ProductKey	Select Summarizatio...			
PromotionKey	Select Summarizatio...			
SalesAmount	Select Summarizatio...			
SalesQuantity	Select Summarizatio...			
StoreKey	Select Summarizatio...			
TotalCost	Select Summarizatio...			

The detail table is named FactSales and the aggregation table is named FactSales(Agg).

You need to aggregate SalesAmount for each store.

Which type of summarization should you use for SalesAmount and StoreKey? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Summarization for SalesAmount:

- Count
- GroupBy
- Max
- Sum

Summarization for StoreKey:

- Count
- GroupBy
- Max
- Sum

Answer Area

Suggested Answer:

Summarization for SalesAmount:

- Count
- GroupBy
- Max
- Sum

Summarization for StoreKey:

- Count
- GroupBy
- Max
- Sum

elimey 1 year, 5 months ago

SUM

GROUP BY

upvoted 2 times

SamuComqi 1 year, 6 months ago



I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Sum



- GroupBy

upvoted 1 times

  **DarioReymago** 1 year, 11 months ago

is okkk

upvoted 3 times

  **stfglv** 2 years, 1 month ago

correct

upvoted 4 times

You have a Power BI dataset that uses DirectQuery against an Azure SQL database.

Multiple reports use the dataset.

A database administrator reports that too many queries are being sent from Power BI to the database.

You need to reduce the number of queries sent to the database. The solution must meet the following requirements:

DirectQuery must continue to be used.

Visual interactions in all the reports must remain as they are configured currently.

Consumers of the reports must only be allowed to apply filters from the Filter pane.

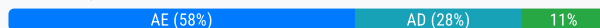
Which two settings should you select? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Add a single Apply button to the filter pane to apply changes at once
- B. Add Apply buttons to all basic filters to apply changes when you're ready
- C. Disabling cross highlighting/filtering by default
- D. Ignore the Privacy Levels and potentially improve performance
- E. Add an Apply button to each slicer to apply changes when you're ready

Suggested Answer: AE

Community vote distribution



cherious Highly Voted 2 years, 2 months ago

Selected Answer: AD

IMO the answers are A&D.

Since "Consumers of the reports must only be allowed to apply filters from the Filter pane", then B & E are wrong.

Also, there is noted that "Visual interactions in all the reports must remain as they are configured currently." which would be violated by C.

To support D answer, there is no information that the data contains sensitive information so this change can be considered reasonable: "Caution: Enabling Fast Combine by selecting Ignore the Privacy levels and potentially improve performance in the Workbook Settings dialog could expose sensitive or confidential data to an unauthorized person. Do not enable Fast Combine unless you are confident that the data source does not contain sensitive or confidential data."

Source: <https://support.microsoft.com/en-us/office/set-privacy-levels-power-query-cc3ede4d-359e-4b28-bc72-9bee7900b540>

upvoted 8 times

Martin_Nbg 1 year, 7 months ago

Since there is only one data source, the SQL database, there is nothing to combine considering privacy levels. So how could fast combine reduce queries if there are no sources to combine?

upvoted 3 times

SamuComqi Highly Voted 1 year, 6 months ago

Selected Answer: AE

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Add a single Apply button to the filter pane to apply changes at once
- Add an Apply button to each slicer to apply changes when you're ready

upvoted 7 times

eldaniz Most Recent 1 year, 1 month ago

A and C

D can be taken because there is a single source

B, E - Consumers of the reports must only be allowed to apply filters from the Filter pane",

upvoted 1 times

🗨️ **ExamPage** 1 year, 7 months ago

Selected Answer: AC

A. Add a single Apply button to the filter pane to apply changes at once. This will prevent Power BI from sending multiple queries to the database as users interact with the filter pane. Instead, Power BI will only send one query when the user clicks the Apply button.

C. Disabling cross highlighting/filtering by default. Cross highlighting and filtering are features that allow users to filter visuals based on the selection in other visuals. When these features are enabled, Power BI sends multiple queries to the database as users interact with the visuals. Disabling these features will reduce the number of queries sent to the database.

upvoted 2 times

🗨️ **Martin_Nbg** 1 year, 8 months ago

Selected Answer: AB

I so Wonder how people Vote for E. Since requirements is "Consumers of the reports must only be allowed to apply filters from the Filter pane." there shouldn't be slicers in the solution at all. For me, AB is the only remaining reasonable solution.

upvoted 1 times

🗨️ **Eltooth** 1 year, 8 months ago

Selected Answer: AE

A and E are the logical answers.

upvoted 3 times

🗨️ **cloud76** 1 year, 9 months ago

Selected Answer: AE

A. Add a single Apply button to the filter pane to apply changes at once: By adding a single Apply button to the filter pane, users can apply all the selected filters at once, rather than each filter triggering a separate query. This helps reduce the number of queries sent to the database.

E. Add an Apply button to each slicer to apply changes when you're ready: By adding an Apply button to each slicer, users can choose when to apply the changes made through the slicer. This way, the queries are only sent to the database when the users explicitly click the Apply button, reducing the overall number of queries.

upvoted 3 times

🗨️ **DarioReymago** 1 year, 11 months ago

Selected Answer: AC

I will agree with ajaysharma2061 because option e: says "Add an Apply button to each slicer to apply changes when you're ready"

If this sence were "Add an Apply button to ALL slicer to apply changes when you're ready" i'll select this

In this case opcion c is better than e

upvoted 1 times

🗨️ **DarioReymago** 1 year, 11 months ago

Sorry, with opcion c I broke the interaction between charts and keep this is a requirement

upvoted 1 times

🗨️ **ajaysharma2061** 1 year, 11 months ago

The correct answer is A and C.

A. Add a single Apply button to the filter pane to apply changes at once: By adding a single Apply button to the filter pane, users can apply all the selected filters at once, reducing the number of queries sent to the database.

C. Disabling cross highlighting/filtering by default: Disabling cross-highlighting and filtering by default will limit the queries generated by visual interactions.

B and E are incorrect as they suggest adding Apply buttons to filters or slicers, which may cause more queries to be sent to the database as users interact with them.

D is also incorrect as ignoring privacy levels can potentially create security issues and is not related to reducing the number of queries sent to the database.

upvoted 2 times

🗨️ **Lesucks** 1 year, 10 months ago

C changes the visual interactions which is supposed to remain unchanged as per requirements so its incorrect

upvoted 2 times

🗨️ **solref** 1 year, 11 months ago

Selected Answer: AE

Reduce number of queries sent by : Slicers (E) and Filters (A)

In that way you can improve the performance

<https://www.datapears.com/post/power-bi-query-reduction-add-an-apply-all-filters-button-to-your-report>

upvoted 2 times

  **Az301301X** 1 year, 11 months ago

Selected Answer: AC

Options B and E, adding Apply buttons to basic filters and slicers respectively, may help reduce the number of queries sent to the database, but they don't meet the requirement of allowing consumers to only apply filters from the Filter pane.

Option D, ignoring privacy levels, is not related to reducing the number of queries sent to the database. It's a security setting that determines how Power BI handles data sources with different levels of privacy.

upvoted 1 times

  **Az301301X** 1 year, 11 months ago

A. Add a single Apply button to the filter pane to apply changes at once

C. Disabling cross highlighting/filtering by default

Explanation:

Adding a single Apply button to the filter pane allows consumers of the reports to apply filters from the Filter pane, rather than sending queries to the database every time a filter is changed. This will help reduce the number of queries sent to the database.

Disabling cross highlighting/filtering by default also helps reduce the number of queries sent to the database. Cross highlighting/filtering is a feature that allows interactions between visuals in a report. By disabling this feature, Power BI won't send queries to the database for each interaction, which can help improve performance.

upvoted 2 times

  **Az301301X** 1 year, 11 months ago

BTW: above answer was given by Chat GPT...

upvoted 1 times

  **ThariCD** 2 years ago

I don't understand how the answer most people select could be D when the question says you should reduce the number of queries sent to the database. Changing the privacy levels doesn't affect the number of queries sent to the database does it?

upvoted 1 times

  **Fer079** 2 years ago

Selected Answer: AE

The right answer is A and E.

A: because we send just a query when all the filters are set.

E: slicers are not included in the single Apply button to the filter pane, so we must put an extra button to run the slicers once they are set.

We cannot select the option C because the requirement says that "the visual interactions in all the reports must remain as they are configured currently", so interaction between the visual must exist

The option D does not reduce the number of queries sent to the source.

upvoted 4 times

  **cookiemonster42** 2 years, 1 month ago

A for sure because as a result only one query will be sent to AAS model instead of multiple.

D because When privacy levels are set on a data source, queries from Power BI to the data source have to be evaluated to ensure that only authorized data is returned. This process can add extra time to the query execution and impact performance. In some cases, having many privacy levels or complex privacy level evaluations can have a significant impact on performance. However, it is important to maintain privacy levels to ensure the protection of sensitive data. If performance is a concern, other methods such as optimizing the data model or using DirectQuery or Live Connection instead of Import can help improve performance while still maintaining privacy levels.

upvoted 1 times

  **Fer079** 2 years ago

You are wrong, the requirement is to reduce the number of queries sent to the database and not the spent time for each query.

upvoted 1 times

🗨️ 👤 **Az301301X** 2 years, 1 month ago

Selected Answer: AD

These are the one that make more sense...tricky though

upvoted 2 times

🗨️ 👤 **Saffar** 2 years, 1 month ago

Selected Answer: AE

answer is correct A,E

upvoted 2 times

🗨️ 👤 **jeroen12345** 2 years, 2 months ago

Consumers of the reports must only be allowed to apply filters from the Filter pane. So E cannot be correct. I'd pick A & C

upvoted 3 times

DRAG DROP -

You have a Power BI dataset that contains two tables named Table1 and Table2. The dataset is used by one report.

You need to prevent project managers from accessing the data in two columns in Table1 named Budget and Forecast.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Answer Area

For Table1, set the permissions for the Project Manager role to **None**.

For the Budget and Forecast columns, set the permissions to **None**.

From Power BI Desktop, create a role named Project Managers.

From Power BI Desktop, add a DAX filter to the Project Managers role.

Open **DAX Studio**.

Open **Tabular Editor**.

For Table1, set the permissions for the Project Manager role to **Read**.



Answer Area

From Power BI Desktop, create a role named Project Managers.

Open **Tabular Editor**.

From Power BI Desktop, add a DAX filter to the Project Managers role.

For the Budget and Forecast columns, set the permissions to **None**.

Suggested Answer:

jeroen12345 Highly Voted 2 years, 2 months ago

1. Create Role
 2. Open TE
 3. Set table to Read
 4. Set Column to None
- upvoted 18 times

Maazi 2 years, 2 months ago

I agree with these steps.

Ref: <https://www.fourmoo.com/2021/03/02/configure-ols-in-power-bi-using-tabular-editor-to-limit-access-to-non-financial-measures/>
upvoted 3 times

Fer079 2 years ago

I agree with you.

We can see a good example in this video:

<https://www.youtube.com/watch?v=PAX5GP9SkTA>
upvoted 3 times

Eltooth Most Recent 1 year, 8 months ago

From jeroen12345:

1. Create Role
2. Open TE
3. Set table to Read
4. Set Column to None

upvoted 1 times

🗨️ 👤 **DarioReymago** 1 year, 11 months ago

PBI: Create Role

PBI: filter role

TE open

TE: set col to none

upvoted 1 times

🗨️ 👤 **solref** 1 year, 11 months ago

The Answer it is ok, I only disagree with the order

link: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-ols?tabs=column>

1. Create the role
2. Add a DAX Filter to the PM Role
3. Open Tabular Editor
4. OLS -> Set Column to None (It allows PM see the table, but not the specific columns required)

upvoted 2 times

🗨️ 👤 **Lolus** 1 year, 6 months ago

I agree with solref and DarioReymago.

Create the Role

Filter the role

Open Tabular Editor

Set Budget and Forecast column to none.

upvoted 1 times

🗨️ 👤 **Ramiel** 2 years, 2 months ago

I would replace, Tabular Editor with Dax Studio in the given answer.

upvoted 1 times

🗨️ 👤 **BigEd** 2 years, 2 months ago

It won't be DAX Studio as you can only implement (OLS) through Tabular Editor

upvoted 4 times

You have a Power BI data model.
You need to refresh the data from the source every 15 minutes.
What should you do first?

- A. Configure a scheduled refresh.
- B. Change the storage mode of the dataset.
- C. Enable the XMLA endpoint.
- D. Define an incremental refresh policy.

Suggested Answer: A

Community vote distribution

C (85%)

A (15%)

BigEd Highly Voted 2 years, 2 months ago

Selected Answer: C

You cannot schedule a refresh on 15-minute increments. Only 30, unless using XMLA endpoint.
upvoted 9 times

Marco1984 2 years, 2 months ago

How do you know it's incremental?
upvoted 1 times

PietSaman 2 years, 1 month ago

You need to refresh it every 15 minutes. Meaning it's incremental.
upvoted 1 times

solref 1 year, 11 months ago

You are right!
upvoted 1 times

william_001 Most Recent 1 year ago

Selected Answer: C

it is XMLA.

"If the semantic model resides on a Premium capacity, you can schedule up to 48 refreshes per day in the semantic model settings. For more information, see Configure scheduled refresh later in this article. Semantic models on a Premium capacity with the XMLA endpoint enabled for read-write support unlimited refresh operations when configured programmatically with TMSL or PowerShell."

<https://learn.microsoft.com/en-us/power-bi/connect-data/refresh-data>

upvoted 1 times

elimey 1 year, 5 months ago

It didn't say incremental refresh. therefore, it can't be XMLA. I go for option A
upvoted 2 times

Eltooth 1 year, 8 months ago

Selected Answer: C

C is the correct answer.
upvoted 1 times

DarioReymago 1 year, 11 months ago

Selected Answer: C

B or C, option C is better
upvoted 2 times

Az301301X 1 year, 11 months ago

Selected Answer: A

Chat GPT

A. Configure a scheduled refresh.

To refresh data from the source every 15 minutes, you need to configure a scheduled refresh for your Power BI data model. The scheduled refresh setting allows you to define how often the data should be refreshed from the source, and you can set the frequency to as low as 15 minutes.

Option B, changing the storage mode of the dataset, is not relevant to the issue of refreshing the data from the source every 15 minutes.

Option C, enabling the XMLA endpoint, is not necessary to refresh the data from the source every 15 minutes.

Option D, defining an incremental refresh policy, is not necessary to refresh the data from the source every 15 minutes. Incremental refresh is useful when you have a large dataset and want to reduce the data processing time by only updating the data that has changed since the last refresh.

upvoted 3 times

🗨️ 👤 **dera23** 1 year, 11 months ago

This question is talking about PowerBI Desktop, all the responses are talking about the service.

upvoted 1 times

🗨️ 👤 **DarioReymago** 1 year, 11 months ago

I'm disagree, it say PowerBI , not PowerBI Desktop

upvoted 2 times

🗨️ 👤 **solref** 1 year, 11 months ago

Selected Answer: C

Refresh operations through the XMLA endpoint are not limited to 48 refreshes per day, and the scheduled refresh timeout is not imposed.

<https://learn.microsoft.com/en-us/power-bi/enterprise/service-premium-connect-tools>

<https://www.youtube.com/watch?v=YEIKzeNCqGg>

upvoted 1 times

🗨️ 👤 **louisaok** 2 years, 2 months ago

Selected Answer: C

If the dataset resides on a Premium capacity, you can schedule up to 48 refreshes per day in the dataset settings. For more information, see [Configure scheduled refresh](#) later in this article. Datasets on a Premium capacity with the XMLA endpoint enabled for read-write support unlimited refresh operations when configured programmatically with TMSL or PowerShell.

<https://learn.microsoft.com/en-us/power-bi/connect-data/refresh-data>

upvoted 3 times

You have a dataset that contains a table named UserPermissions. UserPermissions contains the following data.

User	Region
CONTOSO\User1	1
CONTOSO\User2	2
CONTOSO\User3	1
CONTOSO\User4	3
CONTOSO\User4	5

You plan to create a security role named User Security for the dataset.

You need to filter the dataset based on the current users.

What should you include in the DAX expression?

- A. [UserPermissions] = USERPRINCIPALNAME()
- B. [User] = USERPRINCIPALNAME()
- C. [User] = USEROBJECTID()
- D. [UserPermissions] = USERNAME()
- E. [User] = USERNAME()

Suggested Answer: E

Community vote distribution

E (100%)

🗨️ **Eltooth** 1 year, 8 months ago

Selected Answer: E

E is correct answer.

<https://dax.guide/username/>

upvoted 3 times

🗨️ **stfglv** 2 years, 1 month ago

I agree but thcnically you could use B as well because: "You can use username() within this expression. Be aware that username() has the format of DOMAIN\username within Power BI Desktop. Within the Power BI service and Power BI Report Server, it's in the format of the user's User Principal Name (UPN). Alternatively, you can use userprincipalname(), which always returns the user in the format of their user principal name, username@contoso.com."

source: <https://learn.microsoft.com/en-us/power-bi/enterprise/service-admin-rls>

upvoted 1 times

🗨️ **jesnor** 2 years, 2 months ago

Answer E is correct

upvoted 2 times

🗨️ **AshwinN1992** 2 years, 2 months ago

Please let me know answer

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You have an Azure Synapse Analytics serverless SQL pool.

You need to catalog the serverless SQL pool by using Azure Purview.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a managed identity in Azure Active Directory (Azure AD).
- B. Assign the Storage Blob Data Reader role to the Azure Purview managed service identity (MSI) for the storage account associated to the Synapse Analytics workspace.
- C. Assign the Reader role to the Azure Purview managed service identity (MSI) for the Synapse Analytics workspace.
- D. Assign the Owner role to the Azure Purview managed service identity (MSI) for the Azure Purview resource group.
- E. Register a data source.

Suggested Answer: ABC

Community vote distribution

BCE (100%)

 **Ramiel** Highly Voted 2 years, 2 months ago

Selected Answer: BCE

The Answer should be, in order:

- E. Register a data source
- C. Set the Reader role and enter your Microsoft Purview account name.
- B. Set the Storage blob data reader role and enter your Microsoft Purview account name.

Source: <https://learn.microsoft.com/en-us/azure/purview/register-scan-synapse-workspace?tabs=MI#authentication-for-enumerating-serverless-sql-database-resources>

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 **sandyArun108** Most Recent 1 year, 1 month ago

The answer is E, B, C

<https://microsoftlearning.github.io/mslearn-synapse/Instructions/Labs/10-Synapse-purview.html>

upvoted 1 times

 **SamuComqi** 1 year, 6 months ago

Selected Answer: BCE

I took the exam a few days ago (14/8/2023) and I passed the exam with a score of 915.

My answer was:

- Assign the Storage Blob Data Reader role to the Azure Purview managed service identity (MSI) for the storage account associated to the Synapse Analytics workspace.
- Assign the Reader role to the Azure Purview managed service identity (MSI) for the Synapse Analytics workspace.
- Register a data source.


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 **P1b2** 1 year, 8 months ago

BCE

Not A, because purview MSI is created by using The Microsoft Purview MSI Configuration script. <https://learn.microsoft.com/en-us/azure/purview/tutorial-msi-configuration#prerequisites>

upvoted 1 times

 **Eltooth** 1 year, 8 months ago

Selected Answer: BCE

B, C and E are correct.

Details are listed here: <https://learn.microsoft.com/en-us/azure/purview/register-scan-synapse-workspace?tabs=MI>

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🗨️ 👤 **ExamPage** 1 year, 11 months ago

The Answer should be ABE

Note that assigning the Reader role to the Azure Purview managed service identity (MSI) for the Synapse Analytics workspace (option C) and the Owner role to the Azure Purview managed service identity (MSI) for the Azure Purview resource group (option D) are not required to catalog the serverless SQL pool in Azure Purview.

upvoted 1 times

🗨️ 👤 **solref** 1 year, 11 months ago

Selected Answer: BCE

B. C. E

<https://learn.microsoft.com/en-us/azure/purview/register-scan-synapse-workspace?tabs=MI#azure-synapse-serverless-database>

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🗨️ 👤 **Ramiel** 2 years, 2 months ago

Managed Identity is optional, you can also set service principal or SQL Authentication:

<https://learn.microsoft.com/en-us/azure/purview/register-scan-synapse-workspace?tabs=SQLAuth#apply-permissions-to-scan-the-contents-of-the-workspace>

upvoted 2 times