

EXAMTOPICS

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Which of the following statements accurately describe the RAG process? (Choose two.)

- A. The retrieved content is combined with the LLM's capabilities to generate a response.
- B. The embedding model stores the generated answers for future reference.
- C. The users question is used to search a knowledge base or a set of documents.
- D. The LLM directly answers the users question without accessing external information.

Suggested Answer: AC

Currently there are no comments in this discussion, be the first to comment!

What are some metrics to evaluate the effectiveness of a Retrieval Augmented Generation system? (Choose two.)

- A. Carbon footprint
- B. Speed
- C. Faithfulness
- D. Relevance

Suggested Answer: *CD*

Currently there are no comments in this discussion, be the first to comment!

What is the primary function of the embedding model in a RAG system?

- A. To evaluate the faithfulness and relevance of generated answers
- B. To encode queries and documents into vector representations for comparison
- C. To store vector representations of documents and search for relevant passages
- D. To generate responses based on retrieved documents and user queries

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following is a benefit of using Retrieval Augmented Generation?

- A. It reduces the computational resources required for language modeling.
- B. It eliminates the need for fine-tuning LLMs for specific tasks.
- C. It allows LLMs to access and utilize information beyond their initial training data.
- D. It enables LLMs to learn new languages without additional training.

Suggested Answer: C

Currently there are no comments in this discussion, be the first to comment!

Which of the following is a principle of effective prompt engineering?

- A. Combine multiple complex tasks into a single prompt.
- B. Write vague and open-ended instructions to encourage creativity.
- C. Use precise language and providing detailed context in prompts.
- D. Keep prompts as short as possible to avoid confusion.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

What is a part of LLM context optimization?

- A. Enhancing the computational speed of the model
- B. Reducing the model's size to improve efficiency
- C. Adjusting the model's output format and style
- D. Providing the model with domain-specific knowledge needed to solve a problem

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which statement best describes the Chain-of-Thought (CoT) prompting technique?

- A. Linking multiple AI models in sequence, where each model's output becomes the input for the next model in the chain.
- B. Connecting related concepts by having the LLM generate chains of ideas.
- C. Concatenating multiple related prompts to form a chain, guiding the model through sequential reasoning steps.
- D. Writing a series of connected prompts creating a chain of related information.

Suggested Answer: C

Currently there are no comments in this discussion, be the first to comment!

What are some advantages of using agents in training models? (Choose two.)

- A. To eliminate the need for human oversight
- B. To streamline LLM workflows
- C. To improve the quality of results
- D. To guarantee accurate decision making in complex scenarios

Suggested Answer: *BC*

Currently there are no comments in this discussion, be the first to comment!

Which neural network architecture is primarily used by LLMs?

- A. Recurrent neural network architecture
- B. Convolutional Neural Networks (CNNs)
- C. Sequential encoder-decoder architecture
- D. Transformer architecture with self-attention mechanisms

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

What is a Large Language Model (LLM)?

- A. A rule-based expert system to analyze and generate grammatically correct sentences.
- B. A gradient boosted decision tree algorithm for predicting text.
- C. An AI model that specializes in processing, understanding, and generating human language.
- D. A database system optimized for storing large volumes of textual data.

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

Why would a user include formatting instructions within a prompt?

- A. To force the model to separate relevant and irrelevant output
- B. To ensure the model's response follows a desired structure or style
- C. To increase the faithfulness of the output
- D. To redirect the output to another software program

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

What is the goal of prompt engineering?

- A. To optimize hardware performance for AI computations
- B. To replace human decision-making with automated
- C. To craft inputs that guide AI systems in generating desired outputs
- D. To develop new neural network architectures for AI models

Suggested Answer: *C*

Currently there are no comments in this discussion, be the first to comment!

What are some use cases for fine-tuning of a model? (Choose two.)

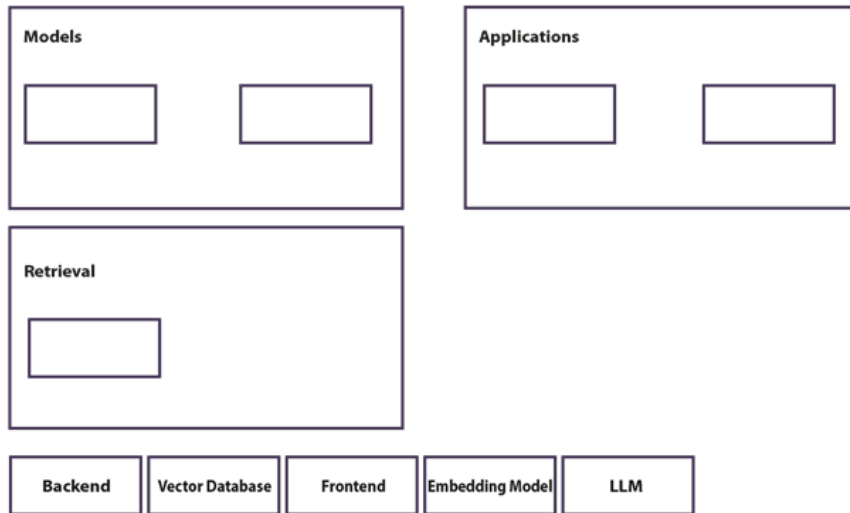
- A. To introduce new knowledge to a model in a resource-efficient way
- B. To quickly create iterations on a new use case
- C. To sanitize model outputs
- D. To customize outputs for specific types of inputs

Suggested Answer: AD

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DRAG DROP -

Match the components of a Retrieval Augmented Generation architecture to the diagram.



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How can few shot learning enhance LLM performance?

- A. By offering input-output pairs that exemplify the desired behavior
- B. By providing a large training set to improve generalization
- C. By enhancing the model's computational efficiency
- D. By reducing overfitting through regularization techniques

Suggested Answer:A

Currently there are no comments in this discussion, be the first to comment!

What is the purpose of splitting documents into smaller overlapping chunks in a RAG system?

- A. To improve the efficiency of encoding queries into vector representations
- B. To enable the matching of different relevant passages to user queries
- C. To simplify the process of training the embedding model
- D. To reduce the storage space required for the vector database

Suggested Answer: *B*

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Which technique is used to supply domain-specific knowledge to an LLM?

- A. Prompt template expansion
- B. Fine-tuning the model on general data
- C. Retrieval-Augmented Generation
- D. Domain-adaptation training

Suggested Answer: *D*

Currently there are no comments in this discussion, be the first to comment!

Which of the following are functionalities provided by the generative-AI-hub-SDK? (Choose two.)

- A. Configure SAP BTP credentials
- B. Interact with LLMs
- C. Create chat responses and embeddings
- D. Customize SAP AI Launchpad

Suggested Answer: *BC*

Currently there are no comments in this discussion, be the first to comment!

Which of the following executables in generative AI hub works with Anthropic models?

- A. Azure OpenAI Service
- B. AWS Bedrock
- C. GCP Vertex AI
- D. SAP AI Core

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

Which of the following capabilities does the generative AI hub provide to developers? (Choose two.)

- A. Proprietary LLMs exclusively
- B. Tools for prompt engineering and experimentation
- C. Integration of foundation models into applications
- D. Code generation to extend SAP BTP applications

Suggested Answer: *BC*

Currently there are no comments in this discussion, be the first to comment!

Which of the following steps is NOT a requirement to use the Orchestration service?

- A. Create an instance of an AI model
- B. Modify the underlying AI models
- C. Get an auth token for orchestration
- D. Create a deployment for orchestration

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

What capabilities does the Exploration and Development feature of the generative AI hub provide? (Choose two.)

- A. Prompt editor and management
- B. Automatic model selection
- C. Develop and debug ABAP code
- D. AI playground and chat

Suggested Answer: AD

Currently there are no comments in this discussion, be the first to comment!

What advantage can you gain by leveraging different models from multiple providers through the SAP's generative AI hub?

- A. Get more training data for new models
- B. Enhance the accuracy and relevance of AI applications that use SAP's data assets
- C. Train new models using SAP and non-SAP data
- D. Design new product interfaces for SAP applications

Suggested Answer: *B*

Currently there are no comments in this discussion, be the first to comment!

What are some SAP recommendations to evaluate pricing and rate information of model usage within SAP's generative AI hub? (Choose two.)

- A. Adopt best practice pricing strategies, such as outcome-based pricing
- B. Avoid subscription-based pricing models
- C. Weigh the cost of using advanced models against the expected return on investment
- D. Use pricing models that have fixed rates irrespective of the usage patterns

Suggested Answer: AC

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What are the benefits of SAP's generative AI hub? (Choose two.)

- A. Provide libraries for no-code development
- B. Send your data to various LLM providers for training feedback
- C. Build custom AI solutions and extend SAP applications
- D. Accelerate AI development with flexible access to a broad range of models

Suggested Answer: *CD*

Currently there are no comments in this discussion, be the first to comment!

Which of the following steps must be performed to deploy LLMs in the generative AI hub?

- A. • Run the booster
 - Create service keys
 - Select the executable ID
- B. • Provision SAP AI Core
 - Check for foundation model scenario
 - Create a configuration
 - Create a deployment
- C. • Provision SAP AI Core
 - Create a configuration
 - Run the booster
- D. • Run the booster
 - Create service keys
 - Select the executable ID
- E. • Provision SAP AI Core
 - Check for foundation model scenario
 - Create a configuration
 - Create a deployment
- F. • Provision SAP AI Core
 - Create a configuration
 - Run the booster
- G. • Check for foundation model scenario
 - Create a deployment
 - Configuring entitlements

Suggested Answer: B

Currently there are no comments in this discussion, be the first to comment!

What does the Prompt Management feature of the SAP AI launchpad allow users to do?

- A. Provide personalized user interactions
- B. Access and manage saved prompts and their versions
- C. interact with models through a conversational interface
- D. Create and edit prompts

Suggested Answer: *B*

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Where can you configure language models in generative AI hub?

- A. The Configuration tab within ML Operations in SAP AI Launchpad
- B. The Models tab in Prompt Editor
- C. The Configuration tab of the SAP BTP cockpit
- D. The Orchestration tab in SAP AI Launchpad

Suggested Answer:A

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