

Use Google Generative-AI-Leader Exam Dumps To Ace Exam Quickly



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>> **Generative-AI-Leader Reliable Braindumps Sheet** <<

2026 Google Authoritative Generative-AI-Leader Reliable Braindumps Sheet

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Google Generative-AI-Leader Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Fundamentals of Generative AI: This section of the exam measures the skills of AI Engineers and focuses on the foundational concepts of generative AI. It covers the basics of artificial intelligence, natural language processing, machine learning approaches, and the role of foundation models. Candidates are expected to understand the machine learning lifecycle, data quality, and the use of structured and unstructured data. The section also evaluates knowledge of business use cases such as text, image, code, and video generation, along with the ability to identify when and how to select the right model for specific organizational needs.

Topic 2	<ul style="list-style-type: none"> • Business Strategies for a Successful Generative AI Solution: This section of the exam measures the skills of Cloud Architects and evaluates the ability to design, implement, and manage enterprise-level generative AI solutions. It covers the decision-making process for selecting the right solution, integrating AI into an organization, and measuring business impact. A strong emphasis is placed on secure AI practices, highlighting Google's Secure AI Framework and cloud security tools, as well as the importance of responsible AI, including fairness, transparency, privacy, and accountability.
Topic 3	<ul style="list-style-type: none"> • Google Cloud's Generative AI Offerings: This section of the exam measures the skills of Cloud Architects and highlights Google Cloud's strengths in generative AI. It emphasizes Google's AI-first approach, enterprise-ready platform, and open ecosystem. Candidates will learn about Google's AI infrastructure, including TPUs, GPUs, and data centers, and how the platform provides secure, scalable, and privacy-conscious solutions. The section also explores prebuilt AI tools such as Gemini, Workspace integrations, and Agentspace, while demonstrating how these offerings enhance customer experience and empower developers to build with Vertex AI, RAG capabilities, and agent tooling.
Topic 4	<ul style="list-style-type: none"> • Techniques to Improve Generative AI Model Output: This section of the exam measures the skills of AI Engineers and focuses on improving model reliability and performance. It introduces best practices to address common foundation model limitations such as bias, hallucinations, and data dependency, using methods like retrieval-augmented generation, prompt engineering, and human-in-the-loop systems. Candidates are also tested on different prompting techniques, grounding approaches, and the ability to configure model settings such as temperature and token count to optimize results.

Google Cloud Certified - Generative AI Leader Exam Sample Questions (Q10-Q15):

NEW QUESTION # 10

A global news agency is developing a generative AI tool to quickly summarize breaking news articles as they emerge online. The goal is to provide their audience with rapid updates on fast-developing stories from various global sources. What Google Cloud solution should they use?

- A. Grounding with Google Search
- B. Document AI
- C. Vertex AI Natural Language API
- D. BigQuery

Answer: A

Explanation:

For summarizing breaking news articles as they emerge online from various global sources, the generative AI model needs access to current, broad, and rapidly updating information. Grounding with Google Search allows the LLM to pull in the latest information from the web, ensuring the summaries are current and comprehensive. While Vertex AI Natural Language API can summarize text, it wouldn't inherently have access to the latest breaking news unless explicitly fed.

NEW QUESTION # 11

A company is developing a generative AI-powered customer support chatbot. They want to ensure the chatbot can answer a wide range of customer questions accurately, even those related to recently updated product information not present in the model's original training data. What is a key benefit of implementing retrieval-augmented generation (RAG) in this chatbot?

- A. RAG will significantly reduce the computational resources required to run the generative AI model.
- B. RAG will enable the chatbot to fine-tune its underlying language model on the fly based on customer interactions.
- C. RAG will primarily help the chatbot generate more creative and engaging conversational responses.
- D. RAG will enable the chatbot to access and utilize external, up-to-date knowledge sources to provide more accurate and relevant answers.

Answer: D

Explanation:

The central problem is the Large Language Model's (LLM's) knowledge cutoff, where it cannot answer questions about information that appeared after its training data was collected (e.g., recently updated product details).

Retrieval-Augmented Generation (RAG) is specifically designed to overcome this limitation. The process involves:

Retrieval: When a question is asked, the RAG system first searches an external, up-to-date knowledge source (like a vector database of current product docs).

Augmentation: It retrieves the most relevant, recent text snippets (the context).

Generation: This retrieved context is added to the user's prompt (augmentation) and sent to the LLM, forcing the model to ground its response in the current facts.

The key benefit is thus to enable the chatbot to access and utilize external, up-to-date knowledge sources (D). This ensures the answers are accurate and relevant to the most current product information, directly addressing the knowledge cutoff issue without requiring expensive model retraining.

Option B is the function of the Temperature setting, not RAG.

Option C describes an unproven and unscalable model update mechanism (fine-tuning is a separate process).

RAG is a process enhancement that prioritizes accuracy and relevance over merely reducing computation (A).

(Reference: Google Cloud documentation on RAG states that its primary purpose is to address the "knowledge cutoff" and hallucination issues of LLMs by retrieving relevant and up-to-date information from external knowledge sources at inference time and using this retrieved information to ground the LLM's generation, ensuring factual accuracy.)

NEW QUESTION # 12

A logistics company wants to use a generative AI (gen AI) agent to automatically check real-time inventory levels across its warehouses and adjust delivery schedules. The gen AI agent needs access to internal inventory data. They want the most cost-effective solution. What should the organization do?

- A. Use pre-built gen AI chatbots for inventory questions.
- B. Use Vertex AI Studio to fine-tune a model with sample inventory data.
- C. Use Google Cloud databases and Vertex AI for the agent to get live data.
- D. Build a custom API instead of using the gen AI agent.

Answer: C

Explanation:

To achieve real-time inventory checks and adjust delivery schedules, the generative AI agent needs live access to the company's internal inventory data. Google Cloud databases provide the structured storage for this data, and Vertex AI offers the platform to build, deploy, and manage the AI agent, including connecting it to these live data sources. This approach allows the agent to make informed decisions based on current information. Building a custom API for every interaction might be less cost-effective in the long run for dynamic inventory data. Pre-built chatbots might not have the direct integration needed for real-time adjustments, and fine-tuning with sample data wouldn't provide the live data access required.

NEW QUESTION # 13

A customer service team wants to use generative AI to improve the quality and consistency of their email responses to customer inquiries. They need a solution that can guide the AI to adopt a helpful, empathetic tone while adhering to company policies. Which prompting technique should they use?

- A. Prompt chaining that engages the AI in a conversation to gather the necessary information before generating the email response.
- B. One-shot prompting that provides a single example of a good customer service email.
- C. Few-shot prompting that provides examples of good and bad customer service emails.
- D. Role prompting that instructs the AI to act as an experienced customer service representative with corporate knowledge.

Answer: D

Explanation:

The most direct and effective way to influence the style, personality, and knowledge context of an AI's response is through Role Prompting.

Role Prompting involves instructing the model to assume a specific persona (a "role") before responding. By assigning the AI the role of an "experienced customer service representative" (B), the model is implicitly directed to adopt a professional, helpful, and empathetic tone. Furthermore, specifying "with corporate knowledge" directs the model to prioritize responses consistent with internal company policies. This technique is a foundational element of prompt engineering, often used in conjunction with other methods (like grounding, if specific policy documents were needed) to dramatically shift the output style and relevance.

While Few-shot prompting (D) could provide examples to influence style, it's less efficient than a clear role instruction and still requires the model to infer the persona. Prompt Chaining (A) is used to manage multi-turn conversation memory, not to set the tone or persona. Therefore, defining the Role is the core technique for establishing both the desired tone and the necessary professional context in a single instruction.

(Reference: Google's documentation on prompt engineering for customer service shows examples where users begin the prompt with "I am a customer service representative" to set the tone and persona for the generated response, confirming Role Prompting as the technique for ensuring style and consistency.)

NEW QUESTION # 14

A global news company is using a large language model to automatically generate summaries of news articles for their website. The model's summary of an international summit was accurate until it hallucinated by stating a detail that did not occur. How should the company overcome this hallucination?

- A. Implement stricter safety settings to filter out potentially controversial topics.
- B. Fine-tune the model on a larger dataset of news articles.
- C. Increase the temperature setting of the model to encourage more diverse outputs.
- **D. Use grounding to base the model output on the source articles.**

Answer: D

Explanation:

The core problem is the model's hallucination—it invented a factual detail in a context (news reporting) where factual accuracy is non-negotiable. To correct a factual error in a generative summary, the model must be constrained to speak only based on verifiable facts from a reliable source.

The most effective technique to combat hallucinations and ensure factual adherence is Grounding (D). Grounding connects the Large Language Model's (LLM's) output to a specific, trusted, and verifiable source of information. This is often implemented using Retrieval-Augmented Generation (RAG). In this scenario, grounding the summary model on the original source articles ensures that every generated statement is directly entailed by the provided facts (the source article content).

Option B, fine-tuning, is expensive and only updates the model's general knowledge and style; it does not prevent the model from guessing or fabricating details when retrieving information. Option C, increasing temperature, would make the output less consistent and more diverse, likely increasing the chance of hallucination, which is the opposite of the desired effect. Option A is unrelated to factual accuracy. Therefore, Grounding is the necessary step to anchor the model's responses to the true content of the source articles.

(Reference: Google Cloud documentation on RAG/Grounding emphasizes that its primary purpose is to address the "knowledge cutoff" and hallucination issues of LLMs by retrieving relevant, up-to-date information from external knowledge sources and using this retrieved information to ground the LLM's generation, ensuring factual accuracy.)

NEW QUESTION # 15

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