



Google

Exam Questions Generative-AI-Leader

Google Cloud Certified - Generative AI Leader Exam

NEW QUESTION 1

A data science team needs a centralized and organized location to store its various model versions, track their metadata, and easily deploy them to the respective applications. What Google Cloud service should they use?

- A. Cloud Storage
- B. Model Registry
- C. BigQuery
- D. Vertex AI Pipelines

Answer: B

NEW QUESTION 2

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

Answer: D

NEW QUESTION 3

An organization wants granular control over who can use and see their generative AI models and related resources on Google Cloud. Which Google Cloud security offering is specifically for this purpose?

- A. Identity and Access Management
- B. Secure-by-design infrastructure
- C. Security Command Center
- D. Workload monitoring tools

Answer: A

NEW QUESTION 4

A company wants to use generative AI to create a chatbot that can answer customer questions about their products and services. They need to ensure that the chatbot only uses information from the company's official documentation. What should the company do?

- A. Use role prompting.
- B. Adjust the temperature parameter.
- C. Use prompt chaining.
- D. Use grounding.

Answer: D

NEW QUESTION 5

A large multinational corporation with geographically dispersed teams struggles with knowledge silos and inconsistent access to crucial internal information. What is a key business benefit of using Google Agentspace in this scenario?

- A. Improved IT infrastructure management across offices.
- B. Seamless knowledge sharing and collaboration across internal systems.
- C. Enhanced data encryption and compliance for internal communications.
- D. Automation of employee performance reviews using AI.

Answer: B

NEW QUESTION 6

A pharmaceutical company's research and development department spends significant time manually reviewing new scientific papers to identify potential drug targets. They need a solution that can answer questions about these documents and provide summarized insights to researchers without requiring extensive coding expertise. What should the organization do?

- A. Use Gemini for Google Workspace to facilitate collaborative document review.
- B. Use Vertex AI Search to index the papers and enable keyword-based searches.
- C. Use Vertex AI AutoML to train a model that classifies papers into predefined research areas.
- D. Use Vertex AI Agent Builder to create a custom AI agent.

Answer: D

NEW QUESTION 7

A research team has collected a large dataset of sensor readings from various industrial machines. This dataset includes measurements like temperature, pressure, vibration levels, and electrical current, recorded at regular intervals. The team has not yet assigned any labels or categories to these readings and wants to identify potential anomalies, malfunctions, or natural groupings of machine behavior based on the sensor data alone. What type of machine learning should they use?

- A. Reinforcement learning
- B. Unsupervised learning

- C. Deep learning
- D. Supervised learning

Answer: B

NEW QUESTION 8

A security team needs a centralized platform to gain a comprehensive overview of their organization's security health across their entire Google Cloud environment, including potential threats to their generative AI deployments. Which Google Cloud security offering is specifically for this purpose?

- A. Workload monitoring tools
- B. Security Command Center
- C. Identity and Access Management
- D. Secure-by-design infrastructure

Answer: B

NEW QUESTION 9

A company is defining their generative AI strategy. They want to follow Google- recommended practices to increase their chances of success. Which strategy should they use?

- A. Rapid implementation strategy
- B. Bottom-up strategy
- C. Multi-directional strategy
- D. Top-down strategy

Answer: D

NEW QUESTION 10

A social media platform uses a generative AI model to automatically generate summaries of user-submitted posts to provide quick overviews for other users. While the summaries are generally accurate for factual posts, the model occasionally misinterprets sarcasm, satire, or nuanced opinions, leading to summaries that misrepresent the original intent and potentially cause misunderstandings or offense among users. What should the platform do to overcome this limitation of the AI-generated summaries?

- A. Implement stricter safety settings to filter out potentially misinterpreted content altogether.
- B. Increase the temperature parameter of the model to encourage more varied and less literal interpretations.
- C. Decrease the output length of the summaries to make them more concise.
- D. Incorporate a human-in-the-loop (HITL) review process to refine the summaries.

Answer: D

NEW QUESTION 10

An organization wants to use generative AI to create a marketing campaign. They need to ensure that the AI model generates text that is appropriate for the target audience. What should the organization do?

- A. Use role prompting.
- B. Use prompt chaining.
- C. Use few-shot prompting.
- D. Adjust the temperature parameter.

Answer: A

NEW QUESTION 12

A company wants to adopt generative AI and is concerned about vendor lock-in. They want to maintain flexibility in their technology stack. What Google Cloud strength would ease their concerns?

- A. Google Cloud's AI solutions have an open approach that supports customer choice across offerings.
- B. Google Cloud's AI solutions are pre-packaged for easy deployment, eliminating the need for customization and integration efforts.
- C. Google Cloud's strict adherence to proprietary technologies ensures the highest level of security and performance.
- D. Google Cloud's focus on automation aims to replace human jobs with AI systems, potentially leading to significant workforce reductions.

Answer: A

NEW QUESTION 13

A large e-commerce company with a vast and frequently updated product catalog finds that customers struggle to find products on their website, and support agents spend too much time finding detailed product information. The company wants to improve search accuracy and efficiency for both customers and support. What Google Cloud solution should they use?

- A. Vertex AI Conversation
- B. Vertex AI Natural Language API
- C. Pre-built RAG with Vertex AI Search
- D. Vertex AI Model Garden

Answer: C

NEW QUESTION 14

A retail company with a large online catalog wants to improve customer experience and drive sales by implementing multimodal search capabilities (image, voice, and text). What is a primary business benefit of this capability?

- A. Improved customer engagement and product discovery leading to increased satisfaction and potential sales.
- B. Reduced dependency on keyword optimization for product listings and improved search engine rankings.
- C. Lowered operational costs associated with managing and updating product information across different platforms and channels.
- D. Streamlined inventory management processes and more accurate demand forecasting for popular items.

Answer: A

NEW QUESTION 17

A company is developing a conversational AI chatbot. They need to ensure the chatbot can engage in human-like conversations and provide accurate information. What should they do to enhance the chatbot's ability to understand and respond effectively to user prompts?

- A. Use prompt engineering techniques, like few-shot prompting, to provide the chatbot with examples of successful interactions.
- B. Limit the chatbot's training data to prevent it from learning irrelevant information.
- C. Use strict keyword matching to ensure that the chatbot only responds to specific commands.
- D. Lower model temperature setting to produce more consistent and predictable responses.

Answer: A

NEW QUESTION 18

What will Google Cloud's Agent Assist help a company achieve?

- A. The infrastructure to provide an enterprise-grade contact center solution with omnichannel support, routing, and integration with CRM systems.
- B. The ability to analyze conversational data to identify customer sentiment, common topics of discussion, and insights into agent performance and customer experience.
- C. The ability to provide real-time assistance and recommended responses to live customer service agents during their interactions.
- D. The ability to build and deploy deterministic and generative chatbot agents for automated customer support.

Answer: C

NEW QUESTION 23

A financial services company receives a high volume of loan applications daily submitted as scanned documents and PDFs with varying layouts. The manual process of extracting key information is time-consuming and prone to errors. This causes delays in loan processing and impacts customer satisfaction. The company wants to automate the extraction of this critical data to improve efficiency and accuracy. Which Google Cloud tool should they use?

- A. Natural Language API
- B. Dataflow
- C. Vision AI
- D. Document AI API

Answer: D

NEW QUESTION 27

An organization wants to use generative AI to create a chatbot that can answer customer questions about their account balances. They need to ensure that the chatbot can access previous portions of the conversation with the customer. Which prompting technique should they use?

- A. Use zero-shot prompting.
- B. Use role prompting.
- C. Use few-shot prompting.
- D. Use prompt chaining.

Answer: D

NEW QUESTION 28

A company is exploring Google Agentspace to improve how its employees search for information on their enterprise systems and automate certain tasks. What is the key business advantage of using Agentspace?

- A. Enhanced real-time communication and collaboration among team members.
- B. Greater interoperability with legacy software systems and databases.
- C. Improved productivity and data interaction using AI assistants and advanced document analysis.
- D. More granular control over support team access and permissions for sensitive data.

Answer: C

NEW QUESTION 30

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