

Exam Questions Generative-AI-Leader

Google Cloud Certified - Generative AI Leader Exam

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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

A company wants to choose a generative AI (gen AI) use case that will be successful and have the most impact. What key factor should they determine first according to Google Cloud-recommended practices?

- A. The availability of pre-trained models that are offered on various cloud computing platforms.
- B. The frequency of updates to the underlying foundation models used by different gen AI platforms.
- C. The specific business problems the company aims to solve and the desired outcomes.
- D. The number of employees who will be trained to use the new gen AI tools.

Answer: C

NEW QUESTION 4

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 5

A company is developing an AI character for a video game. The AI character needs to learn how to navigate a complex environment and make decisions to achieve certain objectives within the game. When the AI takes actions that lead to positive outcomes, like finding a reward or overcoming an obstacle, it receives a positive score. When it takes actions that lead to negative outcomes, like hitting a wall or losing progress, it receives a negative score. Through this process of trial and error, the AI gradually improves the character's ability to play the game effectively. What machine learning should the company use?

- A. Reinforcement learning
- B. Unsupervised learning
- C. Supervised learning
- D. Deep learning

Answer: A

NEW QUESTION 6

What is an example of unsupervised machine learning?

- A. Analyzing customer purchase patterns to identify natural groupings.
- B. Training a system to recognize product images using labeled categories.
- C. Predicting subscription renewal based on past renewal status data.
- D. Forecasting sales figures using historical sales and marketing spend.

Answer: A

NEW QUESTION 7

An organization needs an AI tool to analyze and summarize lengthy customer feedback text transcripts. You need to choose a Google foundation model with a large context window. What foundation model should the organization choose?

- A. Gemini
- B. CodeGemma
- C. Imagen
- D. Chirp

Answer: A

NEW QUESTION 8

What does Vertex AI Search enable companies to do?

- A. To index and retrieve information from the entire public web, providing a comprehensive view of publicly available data.
- B. To surface the most popular and frequently accessed content based on global user search patterns and trends.
- C. To compare products from numerous online retailers, allowing users to find the best deals and product options across the internet.
- D. To ground LLM responses with first-party data, third-party data, and Google's knowledge graph.

Answer: D

NEW QUESTION 9

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 10

A financial institution uses generative AI (gen AI) to approve and reject loan applications, but gives no reasons for rejection. Customers are starting to file complaints. The company needs to implement a solution to reduce the complaints. What should the company do?

- A. Collect a larger and more diverse dataset for the gen AI model.
- B. Implement explainable gen AI policies.
- C. Fine-tune the gen AI model.
- D. Develop fairness assessments for the gen AI model.

Answer: B

NEW QUESTION 10

A marketing team wants to use a foundation model to create social media and advertising campaigns. They want to create written articles and images from text. They lack deep AI expertise and need a versatile solution. Which Google foundation model should they use?

- A. Gemma
- B. Imagen
- C. Gemini
- D. Veo

Answer: C

NEW QUESTION 15

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 19

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 22

What is the definition of generative AI?

- A. A type of artificial intelligence that enables a system to autonomously learn and improve using neural networks and deep learning.
- B. A type of artificial intelligence that can create new content and ideas, including text, images, music, and code.
- C. A type of machine learning algorithm inspired by the human brain that is made up of interconnected nodes.
- D. A type of predictive model that estimates a relationship by fitting a line to the observed data.

Answer: B

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

A company wants to create an AI-powered educational solution that provides personalized learning experiences for students. This platform will assess a student's knowledge, recommend relevant learning materials, and generate personalized exercises. The application would provide the structure for lessons and track progress. What type of AI solution should they use?

- A. An AI-powered recommendation system for learning resources
- B. A large language model fine-tuned on educational content
- C. A learning management system (LMS)
- D. A customized learning agent

Answer: D

NEW QUESTION 29

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