Free Questions for 1Z0-1122-24

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Question 1

Question Type: MultipleChoice

Which capability is supported by Oracle Cloud Infrastructure Language service?

Options:

A- Converting text into images
B- Translating text into speech
C- Analyzing text to extract structured information like sentiment or entities
D- Detecting objects and scenes in images

Answer:

C

Explanation:

Oracle Cloud Infrastructure (OCI) Language service is specifically designed to analyze text and extract structured information such as sentiment, entities, key phrases, and language detection. This service provides natural language processing (NLP) capabilities that help users gain insights from unstructured text data. By identifying the sentiment (positive, negative, neutral) and recognizing entities (like names, dates, or places), the service enables businesses to process large volumes of text data efficiently, aiding in decision-making processes.

Question 2

Question Type: MultipleChoice

Which feature of OCI Speech helps make transcriptions easier to read and understand?

Options:

A- Audio tuning
B- Timestamping
C- Profanity filtering
D- Text normalization

Answer:

D

Explanation:

The text normalization feature of OCI Speech helps make transcriptions easier to read and understand by converting spoken language into a more standardized and grammatically correct format. This process includes correcting grammar, punctuation, and formatting, ensuring that the transcribed text is clear, accurate, and suitable for various use cases. Text normalization enhances the usability of transcriptions, making them more accessible and easier to process in downstream applications.

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Question 3

Question Type: MultipleChoice

What would you use Oracle AI Vector Search for?

Options:

A- Store business data in a cloud database.
B- Manage database security protocols.
C- Query data based on keywords.
D- Query data based on semantics.

Answer:

D

Explanation:

Oracle AI Vector Search is designed to query data based on semantics rather than just keywords. This allows for more nuanced and contextually relevant searches by understanding the meaning behind the words used in a query. Vector search represents data in a high-dimensional vector space, where semantically similar items are placed closer together. This capability makes it particularly powerful for applications such as recommendation systems, natural language

processing, and information retrieval where the meaning and context of the data are crucial .

Question 4

Question Type: MultipleChoice

What is the purpose of the model catalog in OCI Data Science?

Options:

A- To create and switch between different environments
B- To provide a preinstalled open source library
C- To store, track, share, and manage models
D- To deploy models as HTTP endpoints

Answer:

C

Explanation:

The primary purpose of the model catalog in OCI Data Science is to store, track, share, and manage machine learning models. This functionality is essential for maintaining an organized repository where data scientists and developers can collaborate on models, monitor their performance, and manage their lifecycle. The model catalog also facilitates model versioning, ensuring that the most recent and effective models are available for deployment. This capability is crucial in a collaborative environment where multiple stakeholders need access to the latest model versions for testing, evaluation, and deployment.

Question 5

Question Type: MultipleChoice

What can Oracle Cloud Infrastructure Document Understanding NOT do?

Options:

A- Generate transcript from documents
B- Extract tables from documents
C- Classify documents into different types
D- Extract text from documents

Answer:

A

Explanation:

Oracle Cloud Infrastructure (OCI) Document Understanding service offers several capabilities, including extracting tables, classifying documents, and extracting text. However, it does not generate transcripts from documents. Transcription typically refers to converting spoken language into written text, which is a function associated with speech-to-text services, not document understanding services. Therefore, generating a transcript is outside the scope of what OCI Document Understanding is designed to do .

Question 6

Question Type: MultipleChoice

How do Large Language Models (LLMs) handle the trade-off between model size, data quality, data size and performance?

Options:

A- They prioritize larger model sizes to achieve better performance.
B- They focus on increasing the number of tokens while keeping the model size constant.
C- They disregard model size and prioritize high-quality data only.
D- They ensure that the model size, training time, and data size are balanced for optimal results.

Answer:

D

Explanation:

Large Language Models (LLMs) handle the trade-off between model size, data quality, data size, and performance by balancing these factors to achieve optimal results. Larger models typically

provide better performance due to their increased capacity to learn from data; however, this comes with higher computational costs and longer training times. To manage this trade-off effectively, LLMs are designed to balance the size of the model with the quality and quantity of data used during training, and the amount of time dedicated to training. This balanced approach ensures that the models achieve high performance without unnecessary resource expenditure.

Question 7

Question Type: MultipleChoice

What feature of OCI Data Science provides an interactive coding environment for building and training models?

Options:

A- Accelerated Data Science (ADS) SDK
B- Conda environment
C- Model catalog
D- Notebook sessions

Answer:

D

Explanation:

In OCI Data Science, Notebook sessions provide an interactive coding environment that is essential for building, training, and deploying machine learning models. These sessions allow data scientists to write and execute code in real time, offering a flexible environment for data exploration, model experimentation, and iterative development. The integration with various OCI services and support for popular machine learning frameworks further enhances the utility of Notebook sessions, making them a crucial tool in the data science workflow.

Question 8

Question Type: MultipleChoice

What is "in-context learning" in the realm of Large Language Models (LLMs)?

Options:

A- Training a model on a diverse range of tasks
B- Modifying the behavior of a pretrained LLM permanently
C- Teaching a model through zero-shot learning
D- Providing a few examples of a target task via the input prompt

Answer:

D

Explanation:

'In-context learning' in the realm of Large Language Models (LLMs) refers to the ability of these models to learn and adapt to a specific task by being provided with a few examples of that task within the input prompt. This approach allows the model to understand the desired pattern or structure from the given examples and apply it to generate the correct outputs for new, similar inputs. In-context learning is powerful because it does not require retraining the model; instead, it uses the examples provided within the context of the interaction to guide its behavior.

Question 9

Question Type: MultipleChoice

What distinguishes Generative AI from other types of AI?

Options:

A- Generative AI creates diverse content such as text, audio, and images by learning patterns from existing data.
B- Generative AI focuses on making decisions based on user interactions.
C- Generative AI involves training models to perform tasks without human intervention.
D- Generative AI uses algorithms to predict outcomes based on past data.

Answer:

A

Explanation:

Generative AI is distinct from other types of AI in that it focuses on creating new content by learning patterns from existing data. This includes generating text, images, audio, and other types of media. Unlike AI that primarily analyzes data to make decisions or predictions, Generative AI actively creates new and original outputs. This ability to generate diverse content is a hallmark of Generative AI models like GPT-4, which can produce human-like text, create images, and even compose music based on the patterns they have learned from their training data.

Question 10

Question Type: MultipleChoice

Which capability is supported by the Oracle Cloud Infrastructure Vision service?

Options:

A- Detecting and preventing fraud in financial transactions
B- Detecting vehicle number plates to issue speed citations
C- Generating realistic images from text
D- Analyzing historical data for unusual patterns

Answer:

B

Explanation:

The Oracle Cloud Infrastructure (OCI) Vision service is designed for image analysis tasks, which includes the capability to detect and recognize objects, such as vehicle number plates. This functionality is particularly useful for applications such as automated enforcement of traffic laws, where the system can identify vehicles exceeding speed limits and issue citations based on the detected number plates. This capability leverages advanced computer vision techniques to process and analyze visual data, making it suitable for applications in public safety, transportation, and law enforcement.

Question 11

Question Type: MultipleChoice

You are part of the medical transcription team and need to automate transcription tasks. Which OCI AI service are you most likely to use?

Options:

A- Vision
B- Language
C- Document Understanding
D- Speech

Answer:

D

Explanation:

For automating transcription tasks in a medical transcription team, the most appropriate OCI AI service to use would be the 'Speech' service. This service is designed to convert spoken language into text, which is essential for transcribing spoken medical reports or consultations into written form. The OCI Speech service provides capabilities such as speech-to-text conversion, which is specifically tailored for handling audio input and producing accurate transcriptions.

Question 12

Question Type: MultipleChoice

Which AI domain is associated with tasks such as identifying the sentiment of text and translating text between languages?

Options:

A- Natural Language Processing
B- Computer Vision
C- Natural Language Processing
D- Anomaly Detection

Answer:

A

Explanation:

Natural Language Processing (NLP) is the AI domain associated with tasks such as identifying the sentiment of text and translating text between languages. NLP focuses on enabling machines to understand, interpret, and generate human language in a way that is both meaningful and useful. This domain covers a wide range of applications, including text classification, language translation, sentiment analysis, and more, all of which involve processing and analyzing natural language data.