

Exam Oracle 1Z0-1122-25 Actual Tests - Valid 1Z0-1122-25 Exam Guide



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Oracle 1Z0-1122-25 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> Intro to AI Foundations: This section of the exam measures the skills of AI Practitioners and Data Analysts in understanding the fundamentals of artificial intelligence. It covers key concepts, AI applications across industries, and the types of data used in AI models. It also explains the differences between artificial intelligence, machine learning, and deep learning, providing clarity on how these technologies interact and complement each other.
Topic 2	<ul style="list-style-type: none"> Get started with OCI AI Portfolio: This section measures the proficiency of Cloud AI Specialists in exploring Oracle Cloud Infrastructure (OCI) AI services. It provides an overview of OCI AI and machine learning services, details AI infrastructure capabilities and explains responsible AI principles to ensure ethical and transparent AI development.
Topic 3	<ul style="list-style-type: none"> Intro to Generative AI & LLMs: This section tests the abilities of AI Developers to understand generative AI and large language models. It introduces the principles of generative AI, explains the fundamentals of large language models (LLMs), and discusses the core workings of transformers, prompt engineering, instruction tuning, and LLM fine-tuning for optimizing AI-generated content.
Topic 4	<ul style="list-style-type: none"> Intro to OCI AI Services: This section tests the expertise of AI Solutions Engineers in working with OCI AI services and related APIs. It provides insights into key AI services such as language processing, computer vision, document understanding, and speech recognition, allowing professionals to leverage Oracle's AI ecosystem for building intelligent applications.
Topic 5	<ul style="list-style-type: none"> Intro to DL Foundations: This section assesses the expertise of Deep Learning Engineers in understanding deep learning frameworks and architectures. It covers fundamental concepts of deep learning, introduces convolutional neural networks (CNN) for image processing, and explores sequence models like recurrent neural networks (RNN) and long short-term memory (LSTM) networks for handling sequential data.
Topic 6	<ul style="list-style-type: none"> Intro to ML Foundations: This section evaluates the knowledge of Machine Learning Engineers in understanding machine learning principles and methodologies. It explores the basics of supervised learning, focusing on regression and classification techniques, along with unsupervised learning methods such as clustering and anomaly detection. It also introduces reinforcement learning fundamentals, helping professionals grasp the different approaches used to train AI models.

2026 1Z0-1122-25: Newest Exam Oracle Cloud Infrastructure 2025 AI Foundations Associate Actual Tests

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Oracle Cloud Infrastructure 2025 AI Foundations Associate Sample Questions (Q14-Q19):

NEW QUESTION # 14

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

- 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.

NEW QUESTION # 15

Which AI domain can be employed for identifying patterns in images and extract relevant features?

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

Answer: A

Explanation:

Computer Vision is the AI domain specifically employed for identifying patterns in images and extracting relevant features. This field focuses on enabling machines to interpret and understand visual information from the world, automating tasks that the human visual system can perform, such as recognizing objects, analyzing scenes, and detecting anomalies. Techniques in Computer Vision are widely used in applications ranging from facial recognition and image classification to medical image analysis and autonomous vehicles.

NEW QUESTION # 16

You are working on a project for a healthcare organization that wants to develop a system to predict the severity of patients' illnesses upon admission to a hospital. The goal is to classify patients into three categories - Low Risk, Moderate Risk, and High Risk - based on their medical history and vital signs. Which type of supervised learning algorithm is required in this scenario?

- A. Multi-Class Classification
- B. Clustering
- C. Regression
- D. Binary Classification

Answer: A

Explanation:

In this healthcare scenario, where the goal is to classify patients into three categories-Low Risk, Moderate Risk, and High Risk-based on their medical history and vital signs, a Multi-Class Classification algorithm is required. Multi-class classification is a type of supervised learning algorithm used when there are three or more classes or categories to predict. This method is well-suited for situations where each instance needs to be classified into one of several categories, which aligns with the requirement to categorize patients into different risk levels.

NEW QUESTION # 17

What does "fine-tuning" refer to in the context of OCI Generative AI service?

- A. Doubling the neural network layers
- **B. Adjusting the model parameters to improve accuracy**
- C. Encrypting the data for security reasons
- D. Upgrading the hardware of the AI clusters

Answer: B

Explanation:

Fine-tuning in the context of the OCI Generative AI service refers to the process of adjusting the parameters of a pretrained model to better fit a specific task or dataset. This process involves further training the model on a smaller, task-specific dataset, allowing the model to refine its understanding and improve its performance on that specific task. Fine-tuning is essential for customizing the general capabilities of a pretrained model to meet the particular needs of a given application, resulting in more accurate and relevant outputs. It is distinct from other processes like encrypting data, upgrading hardware, or simply increasing the complexity of the model architecture.

NEW QUESTION # 18

How does Oracle Cloud Infrastructure Document Understanding service facilitate business processes?

- A. By transcribing spoken language
- B. By generating lifelike speech from documents
- **C. By automating data extraction from documents**
- D. By analyzing sentiment in text documents

Answer: C

Explanation:

Oracle Cloud Infrastructure (OCI) Document Understanding service facilitates business processes by automating data extraction from documents. This service leverages machine learning to identify, classify, and extract relevant information from various document types, reducing the need for manual data entry and improving efficiency in document processing workflows. Automation of these tasks enables organizations to streamline operations and reduce errors associated with manual data handling.

NEW QUESTION # 19

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