

Oracle 1Z0-1110-24

Oracle Cloud Infrastructure 2024 Data Science Professional

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Question: 1

As a data scientist, you are tasked with creating a model training job that is expected to take different hyperparameter values on every run.

What is the most efficient way to set those pa-rameters with Oracle Data Science Jobs?

Response:

- A. Create a new job every time you need to run your code and pass the parameters as en-vironment variables.
- B. Create your code to expect different parameters as command line arguments, and create it new job every time you run the code.
- C. Create a new no by setting the required parameters in your code, and create a new job for mery code change.
- D. Create your code to expect different parameters either as environment variables or as command line arguments, which are set on every job run with different values.

Answer: D

Question: 2

How is the storage associated with OCI Data Science Workspace managed?

Response:

- A. Data is stored on local disk within the workspace instance.
- B. Data is automatically stored in an attached Object Storage bucket.
- C. Data is stored in a separate File Storage service.
- D. Data is stored in an external database using block volumes.

Answer: B

Question: 3

Where do calls to stdout and stderr from score.py go in a model deployment?

Response:

- A. The file that was defined for them on the Virtual stachine (VM).
- B. The predict log in the Oracle Cloud Infrastructure (OCI) Logging service as defined in the deployment.
- C. The OCI Cloud Shell, which can be accessed from the console.
- D. The OCI console.

Answer: B

Question: 4

You are a data scientist using Oracle AutoML to produce a model and you are evaluating the score metric for the model.

Which of the following TWO prevailing metrics would you use for evaluating multiclass classification model?

Response:

- A. Recall
- B. Mean squared error
- C. F1 Score
- D. R-Squared
- E. Explained variance score

Answer: A,C

Question: 5

What preparation steps are required to access an Oracle AI service SDK from a Data Science notebook session?

Response:

- A. Call the Accented Data Science (ADS) command to enable AI integration
- B. Create and upload the API signing key and config file
- C. Import the REST API
- D. Create and upload execute.py and runtime.yaml

Answer: B

Question: 6

What does MLOps stand for?

Response:

- A. Machine Learning Optimization Strategies
- B. Model Lifecycle Operations
- C. Machine Learning Operations
- D. Managed Learning Operations

Answer: C

Question: 7

Which OCI service provides a managed Kubernetes service for deploying, scaling, and managing containerized applications?

Response:

- A. Oracle Cloud Infrastructure Container Registry
- B. Oracle Cloud Infrastructure Load Balancing
- C. Oracle Cloud Infrastructure Container Engine for Kubernetes
- D. Oracle Cloud Infrastructure Streaming

Answer: C

Question: 8

How can you collaborate with team members in OCI Data Science Workspace?

Response:

- A. By granting access to specific notebooks and files
- B. By using version control systems integrated with the workspace
- C. By sharing the workspace instance with other users
- D. By enabling chat and video conferencing within the workspace

Answer: A

Question: 9

Which OCI service enables you to build, train, and deploy machine learning models in the cloud?

Response:

- A. Oracle Cloud Infrastructure Data Catalog
- B. Oracle Cloud Infrastructure Data Integration
- C. Oracle Cloud Infrastructure Data Science
- D. Oracle Cloud Infrastructure Data Flow

Answer: C

Question: 10

Which technique can be used for feature engineering in the machine learning lifecycle?

Response:

- A. Principal Component Analysis (PCA)
- B. K-means clustering
- C. Support Vector Machines (SVM)
- D. Gradient boosting

Answer: A

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