

## [Apr-2023 Oracle 1z0-1110-22 Official Cert Guide PDF [Q32-Q51]



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Exam 1z0-1110-22: Oracle Cloud Infrastructure Data Science 2022 Professional - TestKingFree

### NEW QUESTION 32

Which TWO statements are true about published conda environments?

- \* The `odsc conda init` command is used to configure the location of published conda environments.
- \* They can be used in Data Science Jobs and model deployments.
- \* Your notebook session acts as the source to share published conda environment with team members.
- \* You can only create published conda environment by modifying a Data Science conde
- \* They are curated by Oracle Cloud Infrastructure (OCI) Data Science.

### NEW QUESTION 33

Six months ago, you created and deployed a model that predicts customer churn for a call center. Initially, it was yielding quality predictions. However, over the last two months, users have been questioning the credibility of the predictions. Which TWO methods customer churn would you employ to verify the accuracy of the model?

- \* Redeploy the model

- \* Retrain the model
- \* Operational monitoring
- \* Validate the model using recent data
- \* Drift monitoring

### NEW QUESTION 34

You are using a third-party Continuous Integration/Continuous Delivery (CI/CD) tool to create a pipeline for preparing and training models. How would you integrate a third-party tool outside Oracle Cloud Infrastructure (OCI) to access Data Science Jobs?

- \* Third-party software can access Data Science Jobs by using any of the OCI Software Development Kits (SDKs).
- \* Data Science Jobs does not accept code from third-party tools, therefore you need to run the pipeline externally.
- \* Third-party tools use authentication keys to create and run.
- \* Data Science Jobs Data Science Jobs is not accessible from outside OCI.

### NEW QUESTION 35

You are a computer vision engineer building an image recognition model. You decide to use Oracle Data Labeling to annotate your image data. Which of the following THREE are possible ways to annotate an image in Data Labeling?

- \* Adding labels to image using semantic segmentation, by drawing multiple bounding boxes to an image.
- \* Adding a single label to an image.
- \* Adding labels to an image by drawing bounding box to an image, is not supported by Data Labeling
- \* Adding labels to an image using object detection, by drawing bounding boxes to an image.
- \* Adding multiple labels to an image.

### NEW QUESTION 36

While reviewing your data, you discover that your data set has a class imbalance. You are aware that the Accelerated Data Science (ADS) SDK provides multiple built-in automatic transformation tools for data set transformation. Which would be the right tool to correct any imbalance between the classes?

- \* `sample()`
- \* `suggest_recoomendations()`
- \* `auto_transform()`
- \* `visualize_transforms()`

### NEW QUESTION 37

You have developed a model training code that regularly checks for new data in Object Storage and retrains the model. Which statement best describes the Oracle Cloud Infrastructure (OCI) services that can be accessed from Data Science Jobs?

- \* Data Science Jobs can access OCI resources only via the resource principal.
- \* Some OCI services require authorizations not supported by Data Science Jobs.
- \* Data Science Jobs cannot access all OCI services.
- \* Data Science Jobs can access all OCI services.

### NEW QUESTION 38

When preparing your model artifact to save it to the Oracle Cloud Infrastructure (OCI) Data Science model catalog, you create a `score.py` file. What is the purpose of the `score.py` file?

- \* Define the compute scaling strategy.
- \* Configure the deployment infrastructure.
- \* Define the inference server dependencies.

- \* Execute the inference logic code

### NEW QUESTION 39

You want to write a Python script to create a collection of different projects for your data science team. Which Oracle Cloud Infrastructure (OCI) Data Science Interface would you use?

- \* Programming Language Software Development Kit (SDK)
- \* Mobile App
- \* Command Line Interface (CLI)
- \* OCI Console

### NEW QUESTION 40

You are preparing a configuration object necessary to create a Data Flow application. Which THREE parameter values should you provide?

- \* The path to the archive.zip file.
- \* The local path to your pySpark script.
- \* The compartment of the Data Flow application.
- \* The bucket used to read/write the pySpark script in Object Storage.
- \* The display name of the application.

### NEW QUESTION 41

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 parameters with Oracle Data Science Jobs?

- \* Create a new job every time you need to run your code and pass the parameters as environment variables.
- \* Create your code to expect different parameters as command line arguments, and create a new job every time you run the code.
- \* 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.
- \* Create a new job by setting the required parameters in your code, and create a new job for every code change.

### NEW QUESTION 42

You trained a model to predict housing prices for your city. Which two metrics from the Accelerated Data Science (ADS) Evaluation class can be used to evaluate the regression model you just trained?

- \* Mean Absolute Error
- \* Explained Variance Score
- \* Weighted Recall
- \* Weighted Precision
- \* F-1 Score

### NEW QUESTION 43

As a data scientist, you are working on a global health data set that has data from more than 50 countries. You want to encode three features, such as 'countries', 'race', and 'body organ' as categories. Which option would you use to encode the categorical feature?

- \* DataFrameLabelEncode()
- \* auto\_transform()
- \* OneHotEncoder()
- \* show\_in\_notebook()

#### NEW QUESTION 44

You have created a conda environment in your notebook session. This is the first time you are working with published conda environments. You have also created an Object Storage bucket with permission to manage the bucket. Which TWO commands are required to publish the conda environment?

- \* `odsc conda publish --slug <SLUG>`
- \* `odsc conda create --file manifest.yaml`
- \* `odsc conda init -b <your-bucket-name> -a <api_key or resource_principal>`
- \* `odsc conda list --override`

#### NEW QUESTION 45

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?

- \* Recall
- \* Mean squared error
- \* F1 Score
- \* R-Squared
- \* Explained variance score

#### NEW QUESTION 46

You are a data scientist designing an air traffic control model, and you choose to leverage Oracle AutoML. You understand that the Oracle AutoML pipeline consists of multiple stages and automatically operates in a certain sequence. What is the correct sequence for the Oracle AutoML pipeline?

- \* Adaptive sampling, Feature selection, Algorithm selection, Hyperparameter tuning.
- \* Adaptive sampling, Algorithm selection, Feature selection, Hyperparameter tuning.
- \* Algorithm selection, Feature selection, Adaptive sampling, Hyperparameter tuning.
- \* Algorithm selection, Adaptive sampling, Feature selection, Hyperparameter tuning.

#### NEW QUESTION 47

You are building a model and need input that represents data as morning, afternoon, or evening. However, the data contains a time stamp. What part of the Data Science life cycle would you be in when creating the new variable?

- \* Model type selection
- \* Model validation
- \* Data access
- \* Feature engineering

#### NEW QUESTION 48

You are working as a data scientist for a healthcare company. They decide to analyze the data to find patterns in a large volume of electronic medical records. You are asked to build a PySpark solution to analyze these records in a JupyterLab notebook. What is the order of recommended steps to develop a PySpark application in Oracle Cloud Infrastructure (OCI) Data Science?

- \* Launch a notebook session. Configure `core-site.xml`. Install a PySpark conda environment.
- \* Develop your PySpark application. Create a Data Flow application with the Accelerated Data Science (ADS) SDK.
- \* Configure `core-site.xml`. Install a PySpark conda environment. Create a Data Flow application with the Accelerated Data Science (ADS) SDK. Develop your PySpark application. Launch a notebook session.
- \* Launch a notebook session. Install a PySpark conda environment. Configure `coresite.xml`.

- \* Develop your PySpark application. Create a Data Flow application with the Accelerated Data science (ADS) SDK.
- \* Install a spark conda environment. Configure core-site.xml. Launch a notebook session: Create a Data Flow application with the Accelerated Data Science (ADS) SDK. Develop your PySpark application

#### NEW QUESTION 49

During a job run, you receive an error message that no space is left on your disk device. To solve the problem, you must increase the size of the job storage. What would be the most efficient way to do this with Data Science Jobs?

- \* On the job run, set the environment variable that helps increase the size of the storage.
- \* Your code using too much disk space. Refactor the code to identify the problem.
- \* Edit the job, change the size of the storage of your job, and start a new job run.
- \* Create a new job with increased storage size and then run the job.

#### NEW QUESTION 50

For your next data science project, you need access to public geospatial images. Which Oracle Cloud service provides free access to those images?

- \* Oracle Big Data Service
- \* Oracle Analytics Cloud
- \* Oracle Cloud Infrastructure (OCI) Data Science
- \* Oracle Open Data

#### NEW QUESTION 51

You are a data scientist trying to load data into your notebook session. You understand that Accelerated Data Science (ADS) SDK supports loading various data formats. Which of the following THREE are ADS supported data formats?

- \* DOCX
- \* Pandas DataFrame
- \* JSON
- \* Raw Images
- \* XML

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