

DUMPS ARENA

Oracle Cloud Infrastructure Data Science 2022 Professional

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Version Demo

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QUESTION NO: 1

You have received machine learning model training code, without clear information about the optimal shape to run the training on. How would you proceed to identify the optimal compute shape for your model training that provides a balanced cost and processing time?

- A.** Start with the strangest compute shape Jobs support and monitor the Job Run metrics and time required to complete the model training. Tune the model so that it utilizes as much compute resources as possible, even at an increased cost.
- B.** Start with a random compute shape and monitor the utilization metrics and time required to finish the model training. Perform model training optimizations and performance tests in advance to identify the right compute shape before running the model training as a job.
- C.** Start with a smaller shape and monitor the Job Run metrics and time required to complete the model training: If the compute shape is not fully utilized, tune the model parameters, and rerun the job. Repeat the process until the shape resources are fully utilized.
- D.** Start with a smaller shape and monitor the utilization metrics and time required to complete the model training. If the compute shape is fully utilized, change to compute that has more resources and re-run the job. Repeat the process until the processing time does not improve.

ANSWER: D**QUESTION NO: 2**

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?

- A.** Define the compute scaling strategy.
- B.** Configure the deployment infrastructure.
- C.** Define the inference server dependencies.
- D.** Execute the inference logic code

ANSWER: B**QUESTION NO: 3**

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?

- A.** `odsc conda publish --slug`
- B.** `odsc conda create --file manifest.yaml`

- C. odsc conda init -b -a
- D. odsc conda list --override

ANSWER: A C

QUESTION NO: 4

You are a data scientist with a set of text and image files that need annotation, and you want to use Oracle Cloud Infrastructure (OCI) Data Labeling. Which of the following THREE annotation classes are supported by the tool.?

- A. Object Detection
- B. Named Entity Extraction
- C. Classification (single/multi label)
- D. Key-Point and Landmark
- E. Polygonal Segmentation
- F. Semantic Segmentation

ANSWER: A B C

QUESTION NO: 5

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?

- A. Adding labels to image using semantic segmentation, by drawing multiple bounding boxes to an image.
- B. Adding a single label to an image.
- C. Adding labels to an image by drawing bounding box to an image, is not supported by Data Labeling
- D. Adding labels to an image using object detection, by drawing bounding boxes to an im-age.
- E. Adding multiple labels to an image.

ANSWER: B D E

QUESTION NO: 6

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?

- A. Mean Absolute Error

- B. Explained Variance Score
- C. Weighted Recall
- D. Weighted Precision
- E. F-1 Score

ANSWER: A B

QUESTION NO: 7

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?

- A. Create a new job every time you need to run your code and pass the parameters as environment 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 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.
- D. Create a new job by setting the required parameters in your code, and create a new job for every code change.

ANSWER: C

QUESTION NO: 8

You are a data scientist working inside a notebook session and you attempt to pip install a package from a public repository that is not included in your conda environment. After running this command, you get a network timeout error. What might be missing from your networking configuration?

- A. Service Gateway with private subnet access.
- B. NAT Gateway with public internet access.
- C. FastConnect to an on-premises network.
- D. Primary Virtual Network Interface Card (VNIC).

ANSWER: B

QUESTION NO: 9

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?

- A. sample()
- B. suggeste_recoomendations()
- C. auto_transform()
- D. visualize_transforms()

ANSWER: C

QUESTION NO: 10

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?

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

ANSWER: A C