Free Questions for DP-100

Shared by Turner on 12-12-2023

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Question 1

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You manage an Azure Machine Learning workspace.

You need to define an environment from a Docker image by using the Azure Machine Learning Python SDK v2.

Which parameter should you use?

Options:

A- conda_file
B- image
C- build
D- properties

Answer:

B

Question 2

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You create an Azure Machine learning workspace.

You are use the Azure Machine -learning Python SDK v2 to define the search space for concrete hyperparafneters. The hyper parameters must consist of a list of predetermined, comma-separated.

You need to import the class from the azure ai ml. sweep package used to create the list of values.

Which class should you import?

Options:

A- Uniform
B- Normal
C- Randint
D- Choice

Answer:

D

Question 3

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You create an Azure Machine Learning dataset containing automobile price data The dataset includes 10,000 rows and 10 columns You use Azure Machine Learning Designer to transform the dataset by using an Execute Python Script component and custom code.

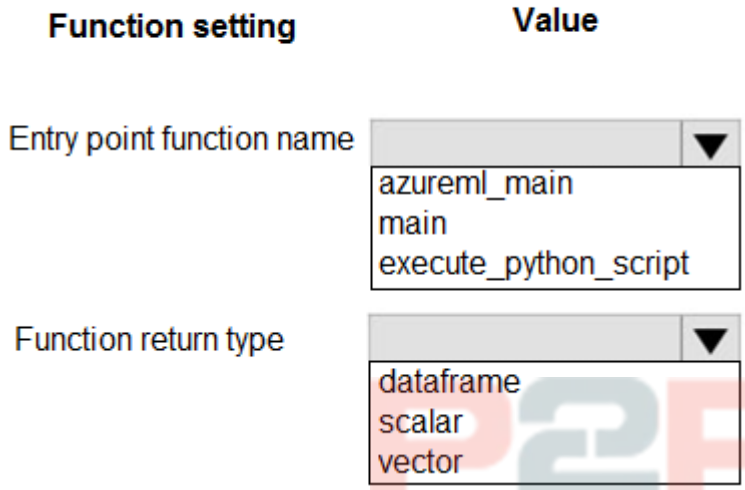
The code must combine three columns to create a new column.

You need to configure the code function.

Which configurations should you use? lo answer, select the appropriate options in the answer area

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

See the Answer in the Premium Version!

Question 4

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You create an Azure Machine Learning workspace. You use the Azure Machine Learning Python SDK v2 to create a compute cluster.

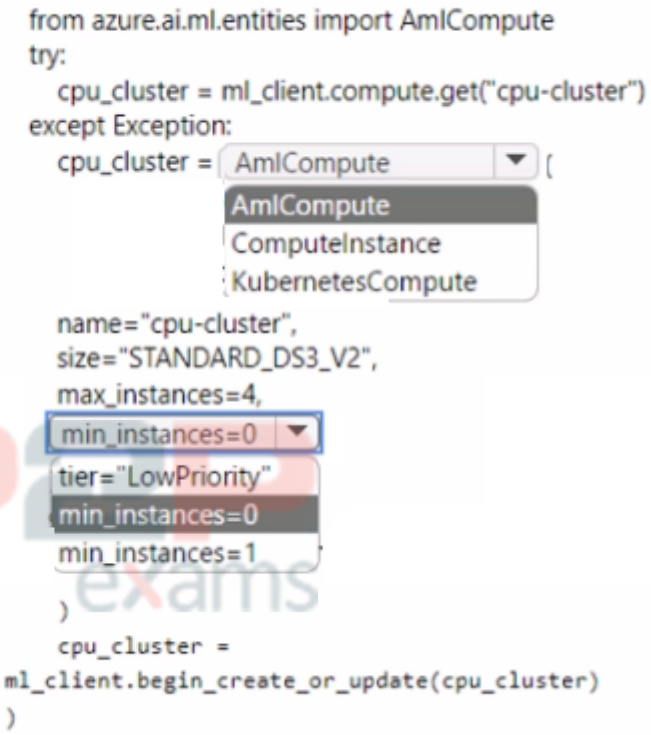
The compute cluster must run a training script. Costs associated with running the training script must be minimized.

You need to complete the Python script to create the compute cluster.

How should you complete the script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

See the Answer in the Premium Version!

Question 5

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You create a binary classification model. The model is registered in an Azure Machine Learning workspace. You use the Azure Machine Learning Fairness SDK to assess the model fairness.

You develop a training script for the model on a local machine.

You need to load the model fairness metrics into Azure Machine Learning studio.

What should you do?

Options:

A- Implement the download_dashboard_by_upload_id function
B- Implement the creace_group_metric_sec function
C- Implement the upload_dashboard_dictionary function
D- Upload the training script

Answer:

C

Explanation:

import azureml.contrib.fairness package to perform the upload:

from azureml.contrib.fairness import upload_dashboard_dictionary, download_dashboard_by_upload_id

https://docs.microsoft.com/en-us/azure/machine-learning/how-to-machine-learning-fairness-aml

Question 6

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You create an Azure Machine Learning workspace.

You must configure an event handler to send an email notification when data drift is detected in the workspace datasets. You must minimize development efforts.

You need to configure an Azure service to send the notification.

Which Azure service should you use?

Options:

A- Azure Function apps
B- Azure DevOps pipeline
C- Azure Automation runbook

D- Azure Logic Apps

Answer:

A

Question 7

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You create an Azure Machine Learning workspace named woricspace1. The workspace contains a Python SDK v2 notebook that uses MLflow to collect model training metrics and artifacts from your local computer.

You must reuse the notebook to run on Azure Machine Learning compute instance in workspace1.

You need to continue to log metrics and artifacts from your data science code.

What should you do?

Options:

A- Configure the tracking URI.
B- Instantiate the job class.
C- Log into workspace'!.
D- Instantiate the MLClient class.

Answer:

A

Question 8

Question Type: OrderList

Case Study: Mix Questions

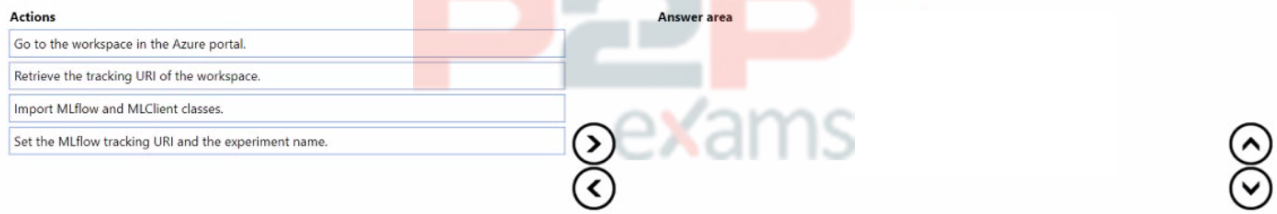
Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You have an Azure Machine Learning workspace. You are running an experiment on your local computer.

You need to ensure that you can use MLflow Tracking with Azure Machine Learning Python SDK v2 to store metrics and artifacts from your local experiment runs in the workspace.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Go to workspace in the Azure portal.Retrieve the tracking URI of the workspace.Import MLflow and MLClient classes.Set the MLflow tracking URI and the experiment..

Question 9

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You create an Azure Machine learning workspace. The workspace contains a folder named src. The folder contains a Python script named script 1 .py.

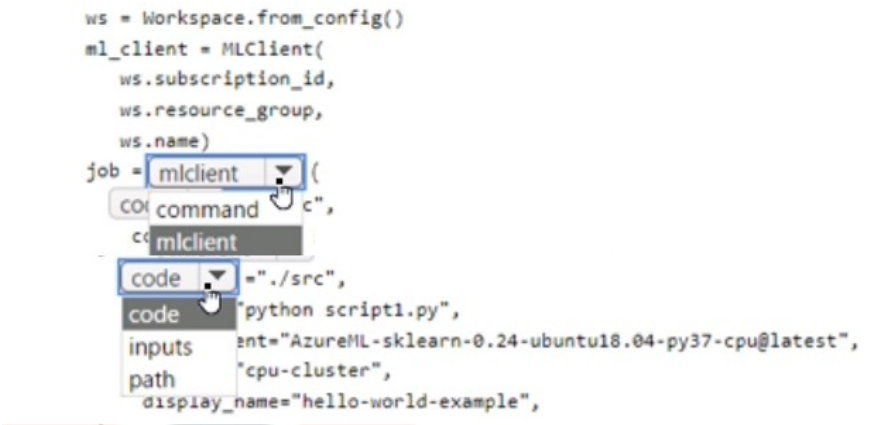
You use the Azure Machine Learning Python SDK v2 to create a control script. You must use the control script to run script l.py as part of a training job.

You need to complete the section of script that defines the job parameters.

How should you complete the script? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

See the Answer in the Premium Version!

Question 10

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You manage an Azure Machine Learning workspace. You create an experiment named experiment1 by using the Azure Machine Learning Python SDK v2 and MLflow.

```
runs = mlflow.search_runs(
    experiment_names=["experiment1"],
    max_results=5,
    order_by=["start_time ASC"])

runs[runs.status == "FAILED"]
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

Answer Area

Statements	Yes	No
Aborted runs are returned.	○	○
The latest five experiment runs are returned.	○	○
The jobs that are returned have been canceled or killed by the user or system.	○	○
All metrics and their values are returned for the returned experiment runs.	○	○

Answer:

See the Answer in the Premium Version!

Question 11

Question Type: MultipleChoice

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You create a workspace to include a compute instance by using Azure Machine Learning Studio. You are developing a Python SDK v2 notebook in the workspace. You need to use Intellisense in the notebook. What should you do?

Options:

A- Start the compute instance.
B- Run a %pip magic function on the compute instance.
C- Run a !pip magic function on the compute instance.
D- Stop the compute instance.

Answer:

B

Question 12

Question Type: Hotspot

Case Study: Mix Questions

Mix Questions

DP-100 Mix Questions IN THIS CASE STUDY

You manage are Azure Machine Learning workspace by using the Python SDK v2.

You must create an automated machine learning job to generate a classification model by using data files stored in Parquet format. You must configure an auto scaling compute target and a data asset for the job.

You need to configure the resources for the job.

Which resource configuration should you use? to answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Answer:

See the Answer in the Premium Version!

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