



**Free Questions for DP-100 by dumpshq**

**Shared by Humphrey on 09-08-2024**

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# Question 1

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## Question Type: MultipleChoice

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You have an Azure Machine Learning workspace named Workspace 1 Workspace! has a registered Mlflow model named model 1 with PyFunc flavor

You plan to deploy model1 to an online endpoint named endpoint1 without egress connectivity by using Azure Machine learning Python SDK v1

You have the following code:

```
blue_deployment = ManagedOnlineDeployment(  
    name="blue",  
    endpoint_name=endpoint1,  
    model=model1,  
    instance_type="Standard_F4s_v2",  
    instance_count=1  
)
```

You need to add a parameter to the ManagedOnlineDeployment object to ensure the model deploys successfully

Solution: Add the scoring\_script parameter.

Does the solution meet the goal?

**Options:**

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A- Yes

B- No

**Answer:**

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A

## Question 2

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**Question Type: MultipleChoice**

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You have an Azure Machine Learning workspace named Workspace 1 Workspace! has a registered Mlflow model named model 1 with PyFunc flavor

You plan to deploy model1 to an online endpoint named endpoint1 without egress connectivity by using Azure Machine learning Python SDK v1

You have the following code:

```
blue_deployment = ManagedOnlineDeployment(  
    name="blue",  
    endpoint_name=endpoint1,  
    model=model1,  
    instance_type="Standard_F4s_v2",  
    instance_count=1  
)
```

You need to add a parameter to the ManagedOnlineDeployment object to ensure the model deploys successfully

Solution: Add the with\_package parameter.

Does the solution meet the goal?

**Options:**

---

**A-** Yes

**B-** No

**Answer:**

---

B

## Question 3

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**Question Type:** MultipleChoice

---

You have an Azure Machine Learning workspace named Workspace 1 Workspace! has a registered Mlflow model named model 1 with PyFunc flavor

You plan to deploy model1 to an online endpoint named endpoint1 without egress connectivity by using Azure Machine learning Python SDK v1

You have the following code:

```
blue_deployment = ManagedOnlineDeployment(  
    name="blue",  
    endpoint_name=endpoint1,  
    model=model1,  
    instance_type="Standard_F4s_v2",  
    instance_count=1  
)
```

You need to add a parameter to the ManagedOnlineDeployment object to ensure the model deploys successfully

Solution: Add the environment parameter.

Does the solution meet the goal?

### Options:

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**A-** Yes

**B-** No

### Answer:

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B

## Question 4

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**Question Type:** MultipleChoice

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You manage an Azure Machine Learning workspace. The development environment for managing the workspace is configured to use Python SDK v2 in Azure Machine Learning Notebooks. A Synapse Spark Compute is currently attached and uses system-assigned identity. You need to use Python code to update the Synapse Spark Compute to use a user-assigned identity.

Solution: Configure the IdentityConfiguration class with the appropriate identity type. Does the solution meet the goal?

**Options:**

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A- Yes

B- No

**Answer:**

---

A

## Question 5

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**Question Type:** MultipleChoice

---

You manage an Azure Machine Learning workspace. The development environment for managing the workspace is configured to use Python SDK v2 in Azure Machine Learning Notebooks

A Synapse Spark Compute is currently attached and uses system-assigned identity

You need to use Python code to update the Synapse Spark Compute to use a user-assigned identity.

Solution: Create an instance of the MIClient class.

Does the solution meet the goal?

**Options:**

---

**A-** Yes

**B-** No

**Answer:**

---

B

## Question 6

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**Question Type: Hotspot**

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You manage an Azure Machine Learning workspace.

You plan to train a natural language processing (NLP) model that will assign labels 'or designated tokens in unstructured text

You need to configure the NLP task by using automated machine learning.

Which configuration values should you use? To answer, select the appropriate options in the answer area.

NOTE Each correct selection is worth one point.

NLP task configuration

Configuration setting	Value
Task	<input type="text" value="Named Entity Recognition"/> Named Entity Recognition Multi-class text classification Multi-label text classification
File format	<input type="text" value="CoNLL"/> CSV JSON CoNLL

**Answer:**

## Question 7

### Question Type: Hotspot

You manage an Azure Machine Learning workspace. You create an experiment named experiment1 by using the Azure Machine Learning Python SDK v2 and MLflow. You are reviewing the results of experiment1 by using the following code segment:

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

statements, Select Yes if the statement is true Otherwise, select No.



#### Answer Area

Statements	Yes	No
Aborted runs are returned.	<input type="radio"/>	<input type="radio"/>
The runs returned have been completed with errors.	<input type="radio"/>	<input type="radio"/>
The jobs that are returned have been canceled or killed by the user or system.	<input type="radio"/>	<input type="radio"/>
All metrics and their values are returned for the returned experiment runs.	<input type="radio"/>	<input type="radio"/>

**Answer:**

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## Question 8

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**Question Type:** MultipleChoice

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You manage an Azure Machine Learning workspace. You design a training job that is configured with a serverless compute. The serverless compute must have a specific instance type and count

You need to configure the serverless compute by using Azure Machine Learning Python SDK v2. What should you do?

#### Options:

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- A-** Specify the compute name by using the compute parameter of the command job
- B-** Configure the tier parameter to Dedicated VM.
- C-** Initialize and specify the ResourceConfiguration class
- D-** Initialize AmlCompute class with size and type specification.

**Answer:**

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C

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