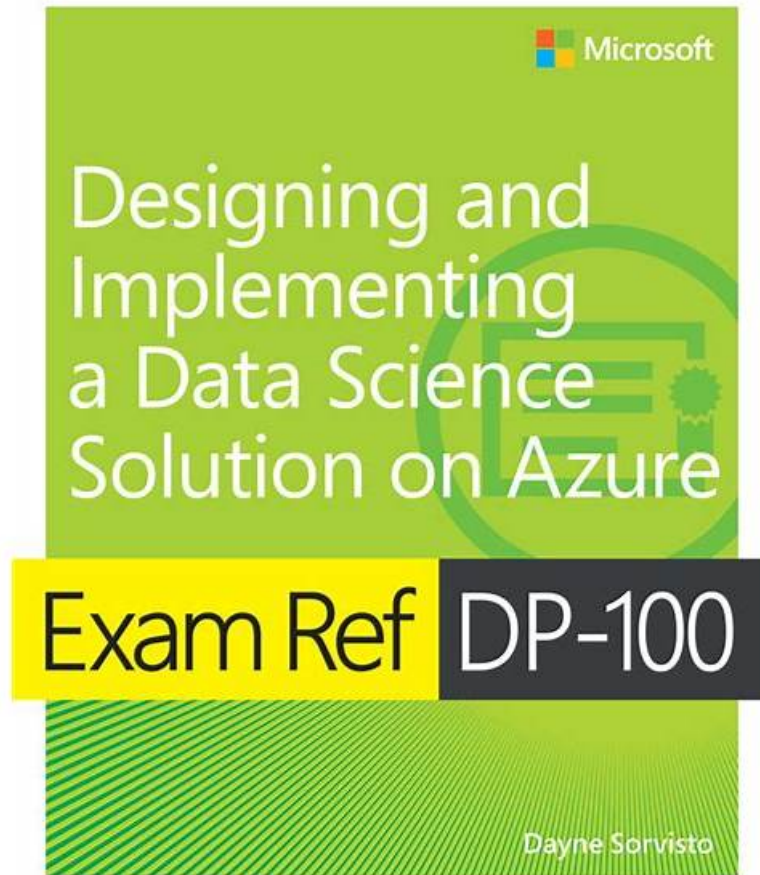


Renowned DP-100 Guide Exam: Designing and Implementing a Data Science Solution on Azure Carry You High-efficient Practice Materials



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To prepare for the DP-100 exam, candidates must have a solid understanding of data science and machine learning concepts, as well as experience working with Azure data services. They should be familiar with Azure Machine Learning Studio, Azure Databricks, Azure HDInsight, and other relevant Azure technologies. DP-100 exam consists of multiple-choice questions and performance-based tasks that require candidates to demonstrate their ability to design and implement data science solutions in real-world scenarios. The DP-100 certification is a valuable credential for professionals seeking to advance their careers in data science and machine learning on the Azure platform.

The benefit in Obtaining the DP-100 Exam Certification

- Organization owners invest a lot in their employees when it comes to their training with the goal of making them quicker, more efficient, and more knowledgeable about their role. Certified Professional will reduce the time he spends on tasks, meaning he can get more done this could help reduce company downtime when repairing faults on a system or fixing hardware problems.
- Candidates will get in-depth knowledge by completing the courses along with the access to revision materials for 6 months upon completion means they will have a wider skill set when it comes to the various technologies and systems than an

uncertified professional. Certified Professional in this particular skill set is 74% more efficient when it comes to completing their tasks in a timely well-executed manner.

- When Candidates applying for a job or looking to promotion in their current position, a Microsoft Certified Azure Data Scientist Associate certification in the field in which Candidates are applying will put you at the top of the list and make them a desirable candidate for employers.
- After completion of Microsoft Certified Azure Data Scientist Associate Certification candidates receive official confirmation from Microsoft that you are now fully certified in their chosen field. This can be now added to their CV, cover letters and job applications.
- Becoming Microsoft Certified Azure Data Scientist Associate means one thing you are worth more to the company and therefore more to yourself in the form of an upgraded pay package. On average a Microsoft Certified Azure Data Scientist Associate member of staff is estimated to be worth 30% more to a company than their uncertified professionals.

To prepare for the Microsoft DP-100 Certification Exam, candidates should have a solid understanding of data science concepts and experience working with Azure tools and services. Microsoft offers a range of resources to help candidates prepare for the exam, including online training courses, practice exams, and study guides. Candidates can also find a wealth of information and resources online, including blogs, forums, and tutorials.

>> DP-100 Certification Sample Questions <<

Accurate DP-100 Certification Sample Questions | Valid for Designing and Implementing a Data Science Solution on Azure

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Microsoft Designing and Implementing a Data Science Solution on Azure Sample Questions (Q290-Q295):

NEW QUESTION # 290

You deploy a model in Azure Container Instance.

You must use the Azure Machine Learning SDK to call the model API.

You need to invoke the deployed model using native SDK classes and methods.

How should you complete the command? To answer, select the appropriate options in the answer areas.

NOTE: Each correct selection is worth one point.

☐

Answer:

Explanation:

☐ Explanation:

Box 1: from azureml.core.webservice import Webservice

The following code shows how to use the SDK to update the model, environment, and entry script for a web service to Azure Container Instances:

```
from azureml.core import Environment
```

```
from azureml.core.webservice import Webservice
```

```
from azureml.core.model import Model, InferenceConfig
```

Box 2: predictions = service.run(input_json)

Example: The following code demonstrates sending data to the service:

```
import json
```

```
test_sample = json.dumps({'data': [
```

```
[1, 2, 3, 4, 5, 6, 7, 8, 9, 10],
```

```
[10, 9, 8, 7, 6, 5, 4, 3, 2, 1]
```

```
]])
```

```
test_sample = bytes(test_sample, encoding='utf8')
```

```
prediction = service.run(input_data=test_sample)
```

```
print(prediction)
```

Reference:

<https://docs.microsoft.com/bs-latn-ba/azure/machine-learning/how-to-deploy-azure-container-instance>
<https://docs.microsoft.com/en-us/azure/machine-learning/how-to-troubleshoot-deployment>

NEW QUESTION # 291

You have a dataset that contains 2,000 rows. You are building a machine learning classification model by using Azure Learning Studio. You add a Partition and Sample module to the experiment.

You need to configure the module. You must meet the following requirements:

Divide the data into subsets

Assign the rows into folds using a round-robin method

Allow rows in the dataset to be reused

How should you configure the module? To answer, select the appropriate options in the dialog box in the answer area.

NOTE: Each correct selection is worth one point.

☐

Answer:

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/studio-module-reference/partition-and-sample>

NEW QUESTION # 292

You run an experiment that uses an AutoMLConfig class to define an automated machine learning task with a maximum of ten model training iterations. The task will attempt to find the best performing model based on a metric named accuracy.

You submit the experiment with the following code:

You need to create Python code that returns the best model that is generated by the automated machine learning task. Which code segment should you use?

- A. ☐
- B. ☐
- C. ☐
- D. ☐

Answer: A

Explanation:

The `get_output` method returns the best run and the fitted model.

Reference:

<https://notebooks.azure.com/azureml/projects/azureml-getting-started/html/how-to-use-azureml/automated-machine-learning/classification/auto-ml-classification.ipynb>

NEW QUESTION # 293

You run an automated machine learning experiment in an Azure Machine Learning workspace. Information about the run is listed in the table below:

☐

You need to write a script that uses the Azure Machine Learning SDK to retrieve the best iteration of the experiment run. Which Python code segment should you use?

A)

☐ B)

☐ C)

☐ D)

☐

- A. Option D
- B. Option A
- C. Option B
- D. Option C

Answer: A

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:

Explanation:

• • • • •

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