

検証するDP-100復習問題集一回合格-信頼的なDP-100問題例

	Yes	No
The estimator will look for the files it needs to run an experiment in the training-experiment directory of the local compute environment.	<input checked="" type="radio"/>	<input type="radio"/>
The estimator will mount the local data-folder folder and make it available to the script through a parameter.	<input checked="" type="radio"/>	<input type="radio"/>
The train.py script file will be created if it does not exist.	<input type="radio"/>	<input checked="" type="radio"/>
The estimator can run Scikit-learn experiments.	<input checked="" type="radio"/>	<input type="radio"/>

2026年Pass4Testの最新DP-100 PDFダンプおよびDP-100試験エンジンの無料共有: https://drive.google.com/open?id=1LuSpSvZ9REC1GESq_9VmNt7eb4r4c4DI

何事でもはじめが一番難しいです。MicrosoftのDP-100試験への復習に悩んでいますか。弊社の試験のためのソフトを買うのはあなたの必要の第一歩です。弊社の提供したのはあなたがほしいのだけではなく、試験のためにあなたの必要があるのです。あなたは決められないかもしれませんが、MicrosoftのDP-100のデモをダウンロードしてください。やってみて第一歩を進める勇気があります。

世界はますますデータ駆動型になりつつあり、組織は競争に適応しなければなりません。Microsoft DP-100認定試験は、Azureでデータサイエンスソリューションを設計および実装するために必要なスキルをデータの専門家に提供するように設計されています。この認定試験は、この分野の専門知識を証明し、キャリアを促進する優れた方法です。

DP-100認定試験は、Azure上のデータサイエンスと機械学習の専門知識を証明するための優れた方法です。認定試験は、データ探索、データ準備、モデリング、展開など、さまざまなトピックをカバーしています。また、データインジェクション、ストレージ、処理、Azure Machine Learning、Azure Databricks、およびAzure Cognitive ServicesなどのさまざまなAzureサービスの使用についてもカバーしています。DP-100認定試験に合格することで、プロフェッショナルは、潜在的な雇用主に自分のスキルと知識を証明し、データサイエンスと機械学習の分野で新しいキャリア機会にアクセスすることができます。

>> DP-100復習問題集 <<

効果的なDP-100復習問題集 & 合格スムーズDP-100問題例 | 素晴らしいDP-100資格模擬

何よりもまず、当社Microsoftはほぼ10年間この分野で確固たる勢力となり、当社Pass4TestのDP-100試験問題は国際市場でそのような迅速な販売を享受しましたが、お客様に手頃な価格を維持しています。第二に、最終決定を下す前に、当社がコンパイルした最新の急流DP-100を直接体験できるように、このWebサイトで無料のデモを用意しました。ですから、もうheしないで、急いでDP-100テストDesigning and Implementing a Data Science Solution on Azure問題を購入してください。

Microsoft Designing and Implementing a Data Science Solution on Azure 認定 DP-100 試験問題 (Q222-Q227):

質問 # 222

You use Azure Machine Learning designer to create a real-time service endpoint. You have a single Azure Machine Learning service compute resource. You train the model and prepare the real-time pipeline for deployment You need to publish the inference pipeline as a web service. Which compute type should you use?

- A. Azure Kubernetes Services
- B. a new Machine Learning Compute resource
- C. the existing Machine Learning Compute resource
- D. Azure Databricks
- E. HDInsight

正解: A

解説:

Azure Kubernetes Service (AKS) can be used real-time inference.

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/concept-compute-target>

Topic 2, Case Study 2

Case study

Overview

You are a data scientist for Fabrikam Residences, a company specializing in quality private and commercial property in the United States. Fabrikam Residences is considering expanding into Europe and has asked you to investigate prices for private residences in major European cities. You use Azure Machine Learning Studio to measure the median value of properties. You produce a regression model to predict property prices by using the Linear Regression and Bayesian Linear Regression modules.

Datasets

There are two datasets in CSV format that contain property details for two cities, London and Paris, with the following columns:

The two datasets have been added to Azure Machine Learning Studio as separate datasets and included as the starting point of the experiment.

Dataset issues

The AccessibilityToHighway column in both datasets contains missing values. The missing data must be replaced with new data so that it is modeled conditionally using the other variables in the data before filling in the missing values.

Columns in each dataset contain missing and null values. The dataset also contains many outliers. The Age column has a high proportion of outliers. You need to remove the rows that have outliers in the Age column.

The MedianValue and AvgRoomsInHouse columns both hold data in numeric format. You need to select a feature selection algorithm to analyze the relationship between the two columns in more detail.

Model fit

The model shows signs of overfitting. You need to produce a more refined regression model that reduces the overfitting.

Experiment requirements

You must set up the experiment to cross-validate the Linear Regression and Bayesian Linear Regression modules to evaluate performance.

In each case, the predictor of the dataset is the column named MedianValue. An initial investigation showed that the datasets are identical in structure apart from the MedianValue column. The smaller Paris dataset contains the MedianValue in text format, whereas the larger London dataset contains the MedianValue in numerical format. You must ensure that the datatype of the MedianValue column of the Paris dataset matches the structure of the London dataset.

You must prioritize the columns of data for predicting the outcome. You must use non-parameters statistics to measure the relationships.

You must use a feature selection algorithm to analyze the relationship between the MedianValue and AvgRoomsInHouse columns.

Model training

Given a trained model and a test dataset, you need to compute the permutation feature importance scores of feature variables. You need to set up the Permutation Feature Importance module to select the correct metric to investigate the model's accuracy and replicate the findings.

You want to configure hyperparameters in the model learning process to speed the learning phase by using hyperparameters. In addition, this configuration should cancel the lowest performing runs at each evaluation interval, thereby directing effort and resources towards models that are more likely to be successful.

You are concerned that the model might not efficiently use compute resources in hyperparameter tuning. You also are concerned that the model might prevent an increase in the overall tuning time. Therefore, you need to implement an early stopping criterion on models that provides savings without terminating promising jobs.

Testing

You must produce multiple partitions of a dataset based on sampling using the Partition and Sample module in Azure Machine Learning Studio. You must create three equal partitions for cross-validation. You must also configure the cross-validation process so that the rows in the test and training datasets are divided evenly by properties that are near each city's main river. The data that identifies that a property is near a river is held in the column named NextToRiver. You want to complete this task before the data goes through the sampling process.

When you train a Linear Regression module using a property dataset that shows data for property prices for a large city, you need to determine the best features to use in a model. You can choose standard metrics provided to measure performance before and after the feature importance process completes. You must ensure that the distribution of the features across multiple training models is consistent.

Data visualization

You need to provide the test results to the Fabrikam Residences team. You create data visualizations to aid in presenting the results. You must produce a Receiver Operating Characteristic (ROC) curve to conduct a diagnostic test evaluation of the model. You need to select appropriate methods for producing the ROC curve in Azure Machine Learning Studio to compare the Two-Class Decision Forest and the Two-Class Decision Jungle modules with one another.

質問 # 223

An organization uses Azure Machine Learning service and wants to expand their use of machine learning.

You have the following compute environments. The organization does not want to create another compute environment.

You need to determine which compute environment to use for the following scenarios.

Which compute types should you use? To answer, drag the appropriate compute environments to the correct scenarios. Each compute environment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

正解:

解説:

Explanation

Box 1: nb_server

Box 2: mlc_cluster

With Azure Machine Learning, you can train your model on a variety of resources or environments, collectively referred to as compute targets. A compute target can be a local machine or a cloud resource, such as an Azure Machine Learning Compute, Azure HDInsight or a remote virtual machine.

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/concept-compute-target>

<https://docs.microsoft.com/en-us/azure/machine-learning/how-to-set-up-training-targets>

質問 # 224

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You create an Azure Machine Learning service datastore in a workspace. The datastore contains the following files:

/data/2018/Q1.csv

/data/2018/Q2.csv

/data/2018/Q3.csv

/data/2018/Q4.csv

/data/2019/Q1.csv

All files store data in the following format:

id,f1,f2,I

1,1,2,0

2,1,1,1

3,2,1,0

4,2,2,1

You run the following code:

You need to create a dataset named training_data and load the data from all files into a single data frame by using the following code:

Solution: Run the following code:

Does the solution meet the goal?

- A. Yes
- B. No

正解: B

解説:

Define paths with two file paths instead.

Use Dataset.Tabular_from_delimited as the data isn't cleansed.

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/how-to-create-register-datasets>

質問 # 225

You manage an Azure Machine Learning workspace named workspace1 by using the Python SDK v2.

You must register datastores in workspace1 for Azure Blob and Azure Data Lake Gen2 storage to meet the following requirements:

* Data scientists accessing the datastore must have the same level of access.

* Access must be restricted to specified containers or folders.

You need to configure a security access method used to register the Azure Blob and Azure Data lake Gen2 storage in workspace1.

Which security access method should you configure? To answer, select the appropriate options in the answers area.

NOTE: Each correct selection is worth one point.

正解:

解説:

質問 # 226

You register the following versions of a model.

You use the Azure ML Python SDK to run a training experiment. You use a variable named run to reference the experiment run.

After the run has been submitted and completed, you run the following code:

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

NOTE: Each correct selection is worth one point.

正解:

解説:

Explanation

Reference:

<https://docs.microsoft.com/en-us/azure/machine-learning/how-to-deploy-and-where>

質問 # 227

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現代社会では、私たちは毎日忙しいです。したがって、個々の時間は制限されています。事実、あなたが学ぶことを決心したなら、何もあなたを止めることはできません！幸運にも、DP-100試験の資料に出会えます。DP-100試験の最短時間で改善できるようお手伝いします。あなたもDP-100試験について何も知りません。全く問題ありません。約20~30時間のガイダンスを受け入れるだけで、試験に簡単に参加できます。ご覧のとおり、DP-100模擬試験はあまり時間をかけません。

DP-100問題例: <https://www.pass4test.jp/DP-100.html>

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BONUS!!! Pass4Test DP-100ダンプの一部を無料でダウンロード: https://drive.google.com/open?id=1LuSpSvZ9REC1GEsq_9VmNt7eb4r4c4DI