70-774^{Q&As}

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QUESTION 1

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

A travel agency named Margie\'s Travel sells airline tickets to customers in the United States.

Margie\'s Travel wants you to provide insights and predictions on flight delays. The agency is considering implementing a system that will communicate to its customers as the flight departure nears about possible delays due to weather

conditions. The flight data contains the following attributes:

The weather data contains the following attributes: AirportID, ReadingDate (YYYY/MM/DD HH), SkyConditionVisibility, WeatherType, WindSpeed, StationPressure, PressureChange, and HourlyPrecip.

You need to use historical data about on-time flight performance and the weather data to predict whether the departure of a scheduled flight will be delayed by more than 30 minutes.

Which method should you use?

A. clustering

B. linear regression

C. classification

D. anomaly detection

Correct Answer: C

References: https://gallery.cortanaintelligence.com/Experiment/Binary-Classification-Flight-delay- prediction-3

QUESTION 2

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 sections, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You are designing an Azure Machine Learning workflow.

You have a dataset that contains two million large digital photographs.

You plan to detect the presence of trees in the photographs.

You need to ensure that your model supports the following:

Solution: You create an Azure notebook that supports the Microsoft Cognitive Toolkit.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 3

You plan to use Azure Machine Learning to develop a predictive model. You plan to include an Execute Python Script module. What capability does the module provide?

A. importing Python modules from a ZIP file for execution in a Machine Learning experiment

B. performing interactive debugging of a Python script

C. saving the results of a Python script run in a Machine Learning environment to a local file

D. returning multiple data frames

Correct Answer: A

QUESTION 4

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 have an Azure ML experiment that contains an intermediate dataset.

You need to explore data from the intermediate dataset by using Jupyter.

Solution: You add a web service input to retrieve the data for the data source, and then add the Execute R Script module.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

QUESTION 5

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

A travel agency named Margie\\'s Travel sells airline tickets to customers in the United States.

Margie\\'s Travel wants you to provide insights and predictions on flight delays. The agency is considering implementing a system that will communicate to its customers as the flight departure nears about possible delays due to weather

conditions. The flight data contains the following attributes:

The weather data contains the following attributes: AirportID, ReadingDate (YYYY/MM/DD HH), SkyConditionVisibility, WeatherType, WindSpeed, StationPressure, PressureChange, and HourlyPrecip.

You have an untrained Azure Machine Learning model that you plan to train to predict flight delays.

You need to assess the variability of the dataset and the reliability of the predictions from the model.

Which module should you use?

A. Cross-Validate Model

B. Evaluate Model

C. Tune Model Hyperparameters

D. Train Model

E. Score Model

Correct Answer: A

References: https://msdn.microsoft.com/en-us/library/azure/dn905852.aspx

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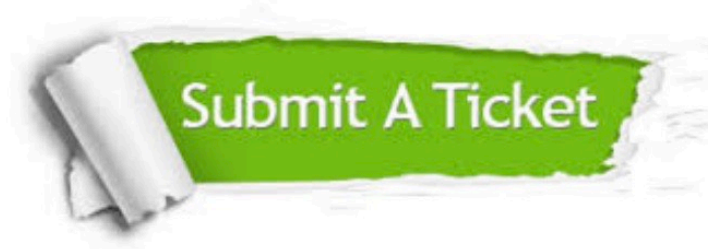Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

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