QUESTIONS & ANSWERS

Kill your exam at first Attempt

Microsoft

70-774

Perform Cloud Data Science with Azure Machine Learning

QUESTION: 32

You need to remove rows that have an empty value in a specific column. The solution must use a native module. Which module should you use?

A. Execute Python Script
B. Tune Model Hyperparameters
C. Normalize Data
D. Select Columns in Dataset
E. Import Data
F. Edit Metadata
G. Clip Values
H. Clean Missing Data

Answer: H

QUESTION: 33

You are building an Azure Machine Learning Experiment. You need to transform 47 numeric columns into a set of 10 linearly uncorrelated features. Which module should you add to the experiment?

A. Principal Component Analysis
B. K-Means Clustering
C. Normalize data
D. Group Data into Bins

Answer: A

QUESTION: 34

You need to use only one percent of an Apache hive Data table by conducting random sampling by groups. Which module should you use?

A. Normalize Data
B. Tune Model Hyperparameters.
C. Edit Metadata
D. Clip Values
E. Clean Missing Data
F. Import Data
G. Select Columns in Dataset
H. Execute Python Script

Answer: H

QUESTION: 35
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. outputting a file to a network location
B. performing interactive debugging of a Python script
C. saving the result of a Python script run in a Machine Learning environment to a local
file
D. visualizing univariate and multivariate summaries by using Python code

Answer: C

QUESTION: 36
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 near about possible delays due to weather conditions.
The flight data contains the following attributes:
* DepartureDate: The departure date aggregated at a per hour granularity.
* Carrier: The code assigned by the IATA and commonly used to identify a carrier.
* OriginAirportID: An identification number assigned by the USDOT to identify a
unique airport (the flight's Origin)
* DestAirportID: The departure delay in minutes.
* DepDet30: A Boolean value indicating whether the departure was delayed by 30
minutes or more (a value of 1 indicates that the departure was delayed by 30 minutes or
more)
The weather data contains the following Attributes: AirportID, ReadingDate
(YYYY/MM/DDHH), 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 modules should you use?
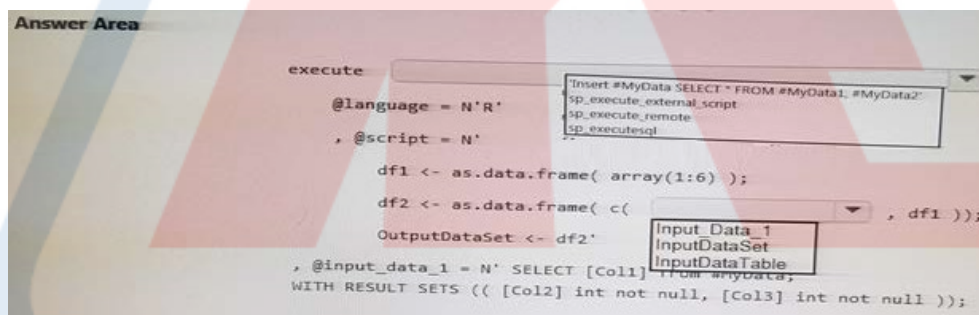
A. Cross-validate Model.
B. Evaluate Model.
C. Tune Model Hyperparameters
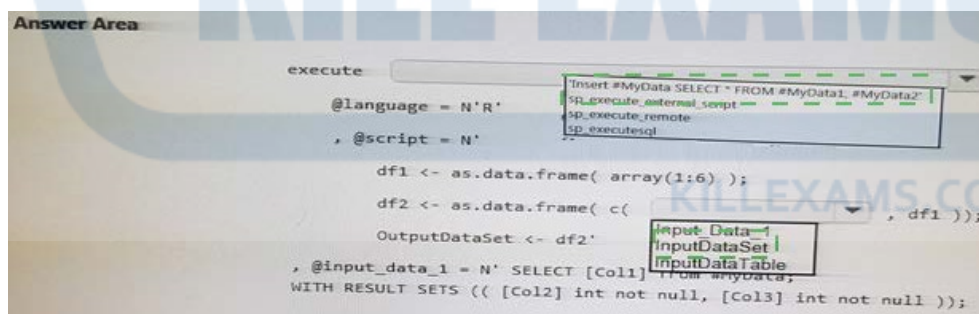D. Train Model
E. Score Model

Answer: D

QUESTION: 37
HOTSPOT
You need to use R code in a Transact-SQL statement to merge the repeating values 1 through 6 with Col1 in a table. Which statement should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

```
execute          [                          ] [▼]
                                    'Insert #MyData SELECT * FROM #MyData1, #MyData2'
  @language = N'R'                  sp_execute_external_script
                                    sp_execute_remote
  , @script = N'                    sp_executesql

    df1 <- as.data.frame( array(1:6) );

    df2 <- as.data.frame( c(              [▼]  , df1 ));

    OutputDataSet <- df2'          [ Input_Data_1 ]
                                   [ InputDataSet ]
  , @input_data_1 = N' SELECT [Col1] [ InputDataTable ]
    WITH RESULT SETS (( [Col2] int not null, [Col3] int not null ));
```

Answer:
Exhibit

Answer Area

```
execute          [                          ] [▼]
                                    'Insert #MyData SELECT * FROM #MyData1, #MyData2'
  @language = N'R'                  sp_execute_external_script — — — — —
                                    sp_execute_remote
  , @script = N'                    sp_executesql

    df1 <- as.data.frame( array(1:6) );

    df2 <- as.data.frame( c(              [▼]  , df1 ));

    OutputDataSet <- df2'          [ Input_Data_1 ]
                                   [ InputDataSet ]
  , @input_data_1 = N' SELECT [Col1] [ InputDataTable ]
    WITH RESULT SETS (( [Col2] int not null, [Col3] int not null ));
```

Kill your exam at First Attempt....Guaranteed!