

Microsoft DP-100

Designing and Implementing a Data Science Solution on
Azure

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Latest Version: 33.0

Question: 1

You need to resolve the local machine learning pipeline performance issue. What should you do?

- A. Increase Graphic Processing Units (GPUs).
- B. Increase the learning rate.
- C. Increase the training iterations,
- D. Increase Central Processing Units (CPUs).

Answer: A

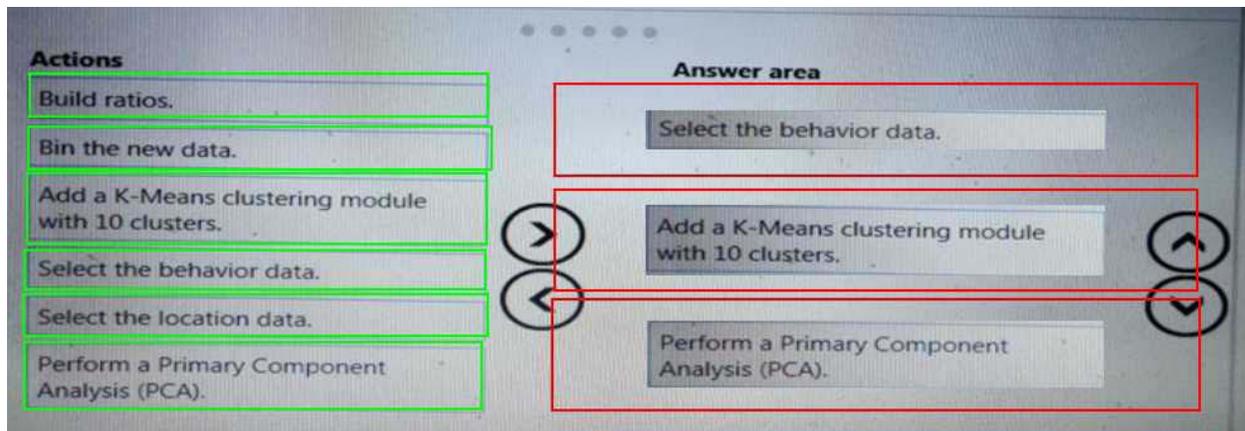
Question: 2

DRAG DROP

You need to modify the inputs for the global penalty event model to address the bias and variance issue. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

The screenshot shows a drag-and-drop interface. On the left, under the heading "Actions", there is a list of five actions in rectangular boxes: "Build ratios.", "Bin the new data.", "Add a K-Means clustering module with 10 clusters.", "Select the behavior data.", and "Select the location data.". Below the "Select the behavior data." and "Select the location data." boxes are two circular arrows, one pointing right and one pointing left. On the right, under the heading "Answer area", there is a large empty space. To the right of the "Answer area" are two circular arrows, one pointing up and one pointing down. At the top of the interface, there are four small dots, with the first one being filled, indicating the current step in a sequence.

Answer:



Question: 3

You need to select an environment that will meet the business and data requirements. Which environment should you use?

- A. Azure HDInsight with Spark MLlib
- B. Azure Cognitive Services
- C. Azure Machine Learning Studio
- D. Microsoft Machine Learning Server

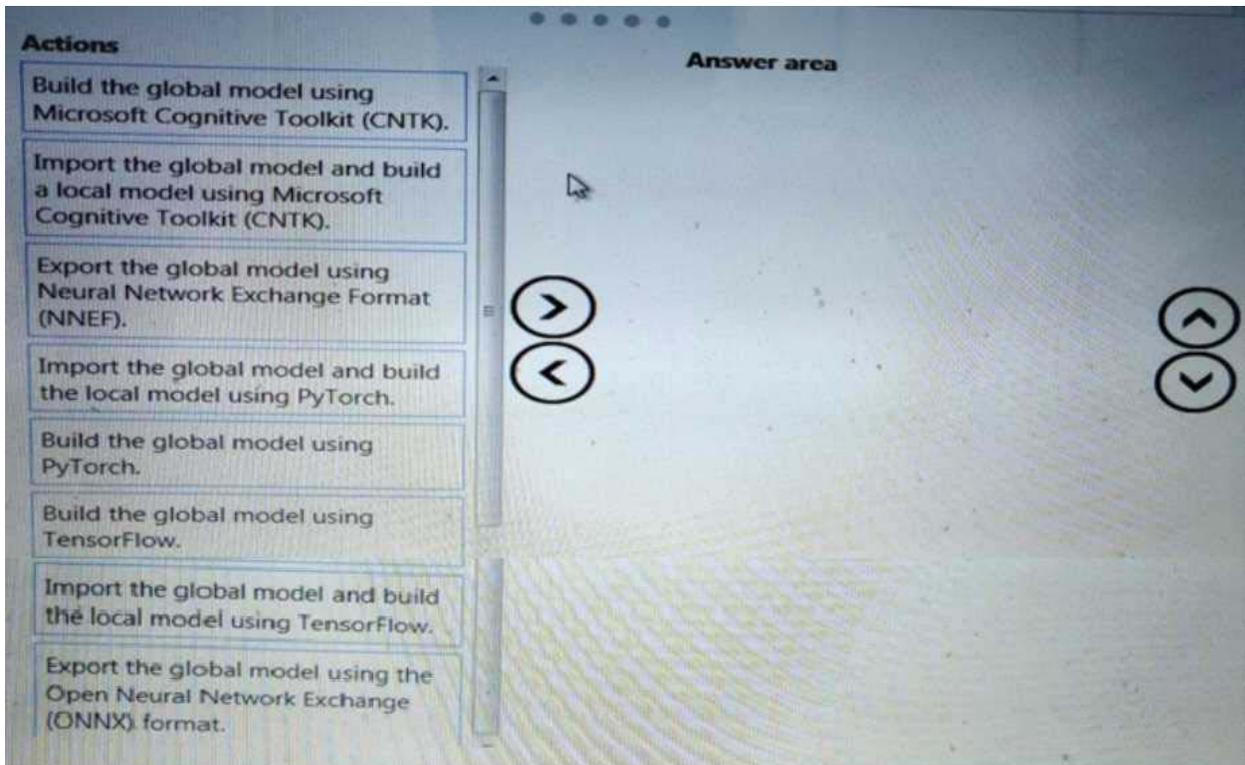
Answer: D

Question: 4

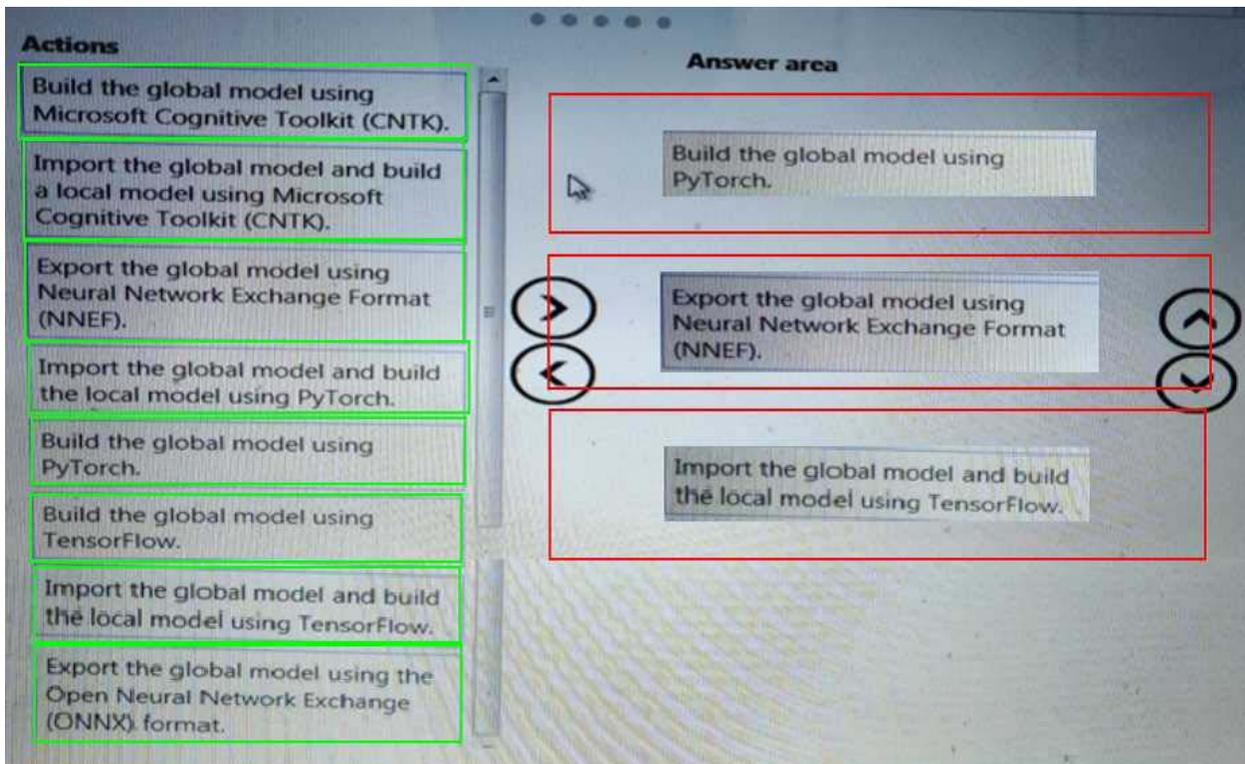
DRAG DROP

You need to define a process for penalty event detection.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:



Question: 5

DRAG DROP

You need to define a process for penalty event detection.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

The screenshot shows a digital interface with two main sections: "Actions" on the left and "Answer area" on the right. The "Actions" section contains six text boxes, each with a different action: "Standardize to mono audio clips.", "Vary the length of sliding windows between modeling epochs.", "Vary the length of frequency bands between modeling epochs.", "Use an Inverse Fourier transform on frequency changes over time.", "Use a Fast Fourier transform on frequency changes over time.", and "Standardize to stereo audio clips.". Between the "Actions" and "Answer area" sections are two circular arrows, one pointing right and one pointing left. On the right side of the "Answer area" are two circular arrows, one pointing up and one pointing down. At the top of the interface, there are five blue dots and a small icon of a person.

Answer:

This screenshot shows the same interface as above, but with three actions moved from the "Actions" list to the "Answer area". The "Answer area" now contains three text boxes, each enclosed in a red rectangular box. From top to bottom, they are: "Vary the length of frequency bands between modeling epochs.", "Standardize to mono audio clips.", and "Use an Inverse Fourier transform on frequency changes over time.". The "Actions" list on the left has green rectangular boxes around the first three items: "Standardize to mono audio clips.", "Vary the length of sliding windows between modeling epochs.", and "Vary the length of frequency bands between modeling epochs.". The circular arrows remain in their original positions.

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