

## Microsoft

*DP-100*

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- **Product Version**

# Latest Version: 30.0

## 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**

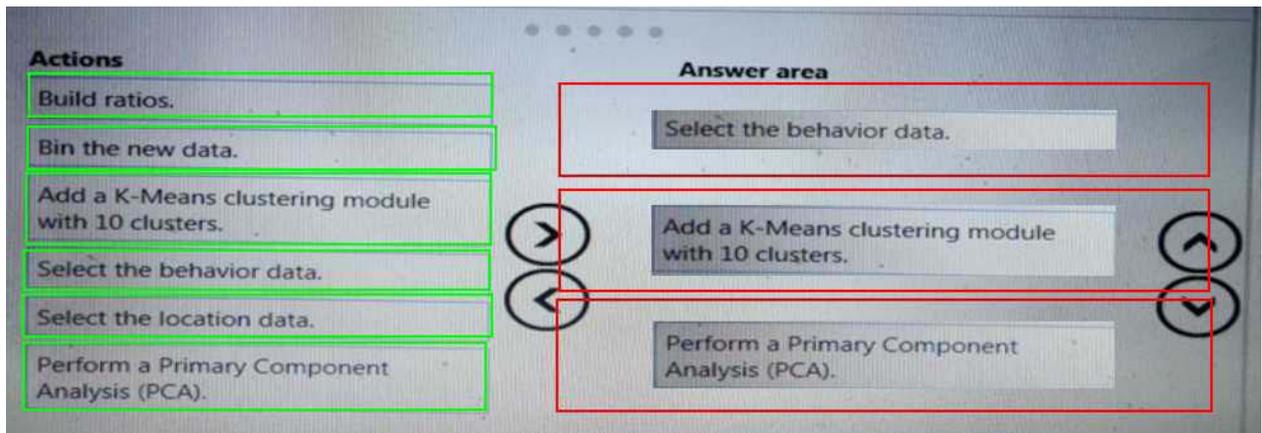
## Question: 2

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 six actions in rectangular boxes: "Build ratios.", "Bin the new data.", "Add a K-Means clustering module with 10 clusters.", "Select the behavior data.", "Select the location data.", and "Perform a Primary Component Analysis (PCA)". To the right of this list are two circular buttons with right-pointing and left-pointing arrows. On the right side of the interface is an "Answer area" which is currently empty. To the right of the answer area are two circular buttons with up-pointing and down-pointing arrows. A mouse cursor is visible in the answer area.

**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

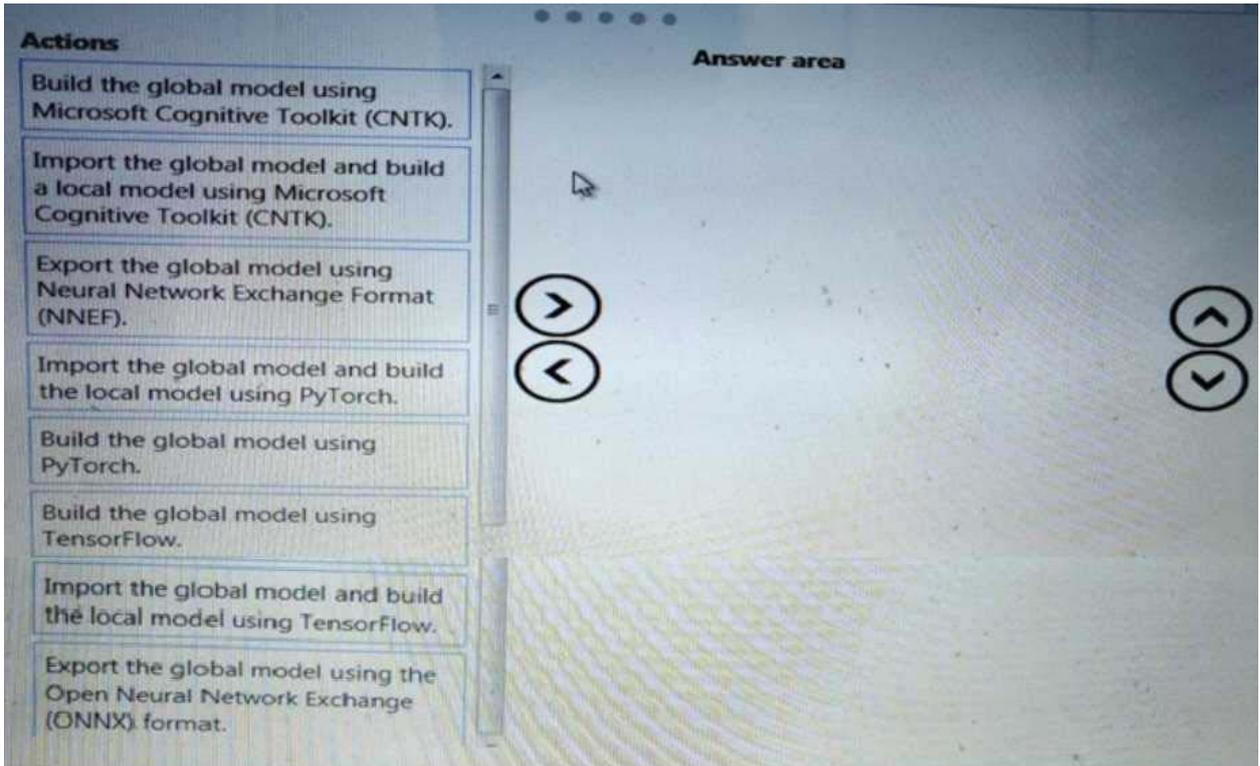
**Answer: D**

### Question: 4

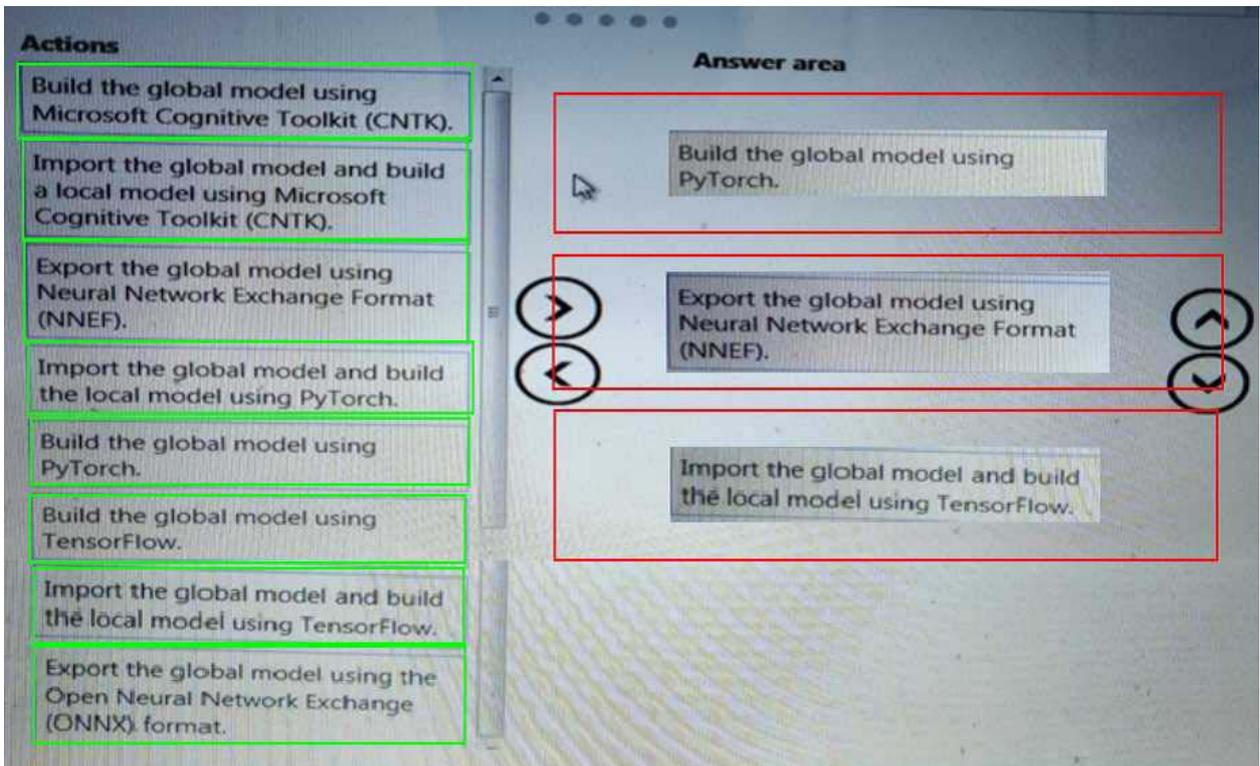
DRAG DROP

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 drag-and-drop interface. On the left, under the heading "Actions", there is a list of six actions in rectangular boxes:

- 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.
- Standardize to stereo audio clips.

On the right, there is an "Answer area" which is currently empty. Between the "Actions" list and the "Answer area", there are two circular arrows: a right-pointing arrow above a left-pointing arrow. On the far right, there are two circular arrows: an up-pointing arrow above a down-pointing arrow.

**Answer:**

The screenshot shows the same drag-and-drop interface as above, but with three actions moved from the "Actions" list to the "Answer area". The "Actions" list now contains three items, each highlighted with a green border:

- 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.

The "Answer area" now contains three items, each highlighted with a red border, in the following order from top to bottom:

- Vary the length of frequency bands between modeling epochs.
- Standardize to mono audio clips.
- Use an Inverse Fourier transform on frequency changes over time.

The circular arrows between the lists and the arrows on the right are still present.

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