



MICROSOFT

DP-100

**Designing and Implementing a Data Science Solution on Azure
(DP-100) Exam Questions & Answers**

Total Questions: **05**

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★ ★ ★ ★ ★ **Logan**

I passed with 920/1000! More than 45 questions were from your PDFs. Highly recommended!

★ ★ ★ ★ ★ **Hailey**

Updated material and correct answers. Passed AZ-900 on first attempt. Thank you ITExamsQuiz!

★ ★ ★ ★ ★ **Brandon**

Amazing accuracy. Out of 52 questions, 50 were from your dumps. Passed with 870 marks!

★ ★ ★ ★ ★ **Madison**

Customer support is very responsive. The PDFs are super accurate. Will recommend to friends!

Question: 1

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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**

Explanation:

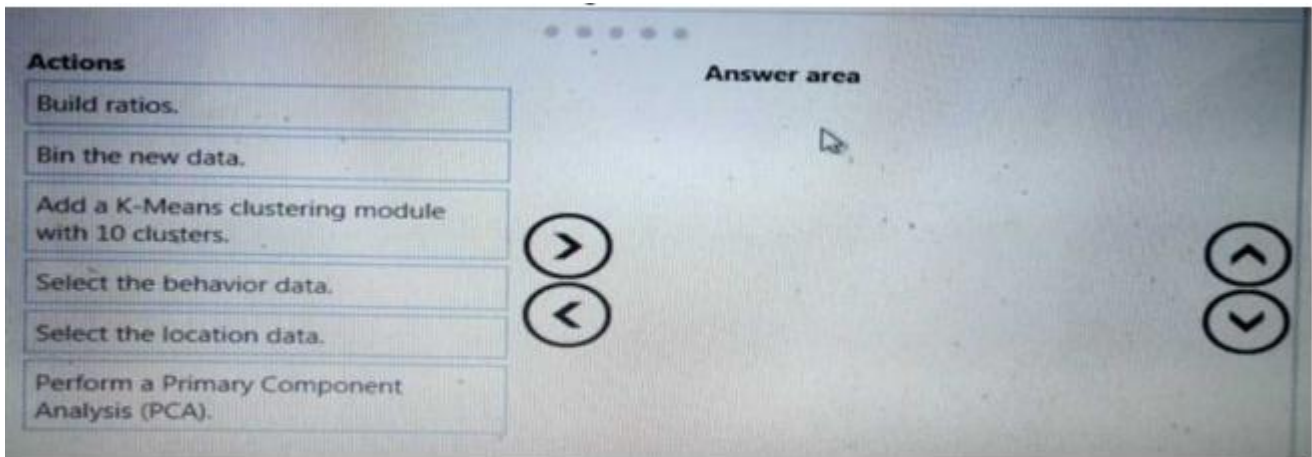
Machine learning pipelines especially training models are highly parallel tasks. GPUs are optimized for parallel computation and significantly speed up training compared to CPUs. Increasing CPUs helps less, while changing learning rate or iterations affects model behavior, not performance speed.

Question: 2

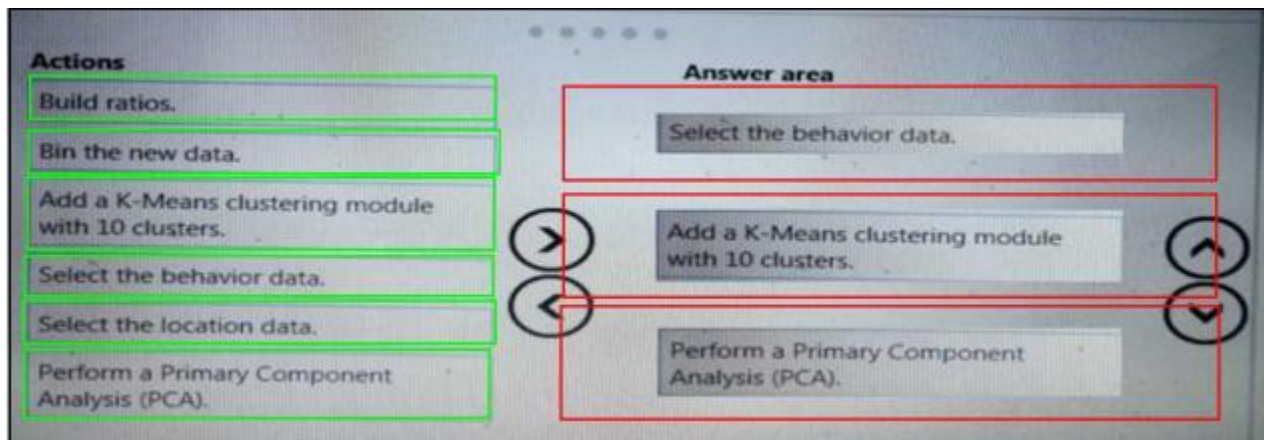
DRAG DROP

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.



Answer:



Explanation:

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**

Explanation:

Azure Machine Learning Studio provides a complete environment to build, train, and deploy machine learning models with full control over data, experiments, and pipelines.

Azure HDInsight with Spark MLlib → better for big data processing, not full ML lifecycle

Azure Cognitive Services → prebuilt AI models, limited customization

Microsoft Machine Learning Server → older, less commonly used for modern cloud ML workflows

So, Azure Machine Learning Studio best meets typical business + data requirements.

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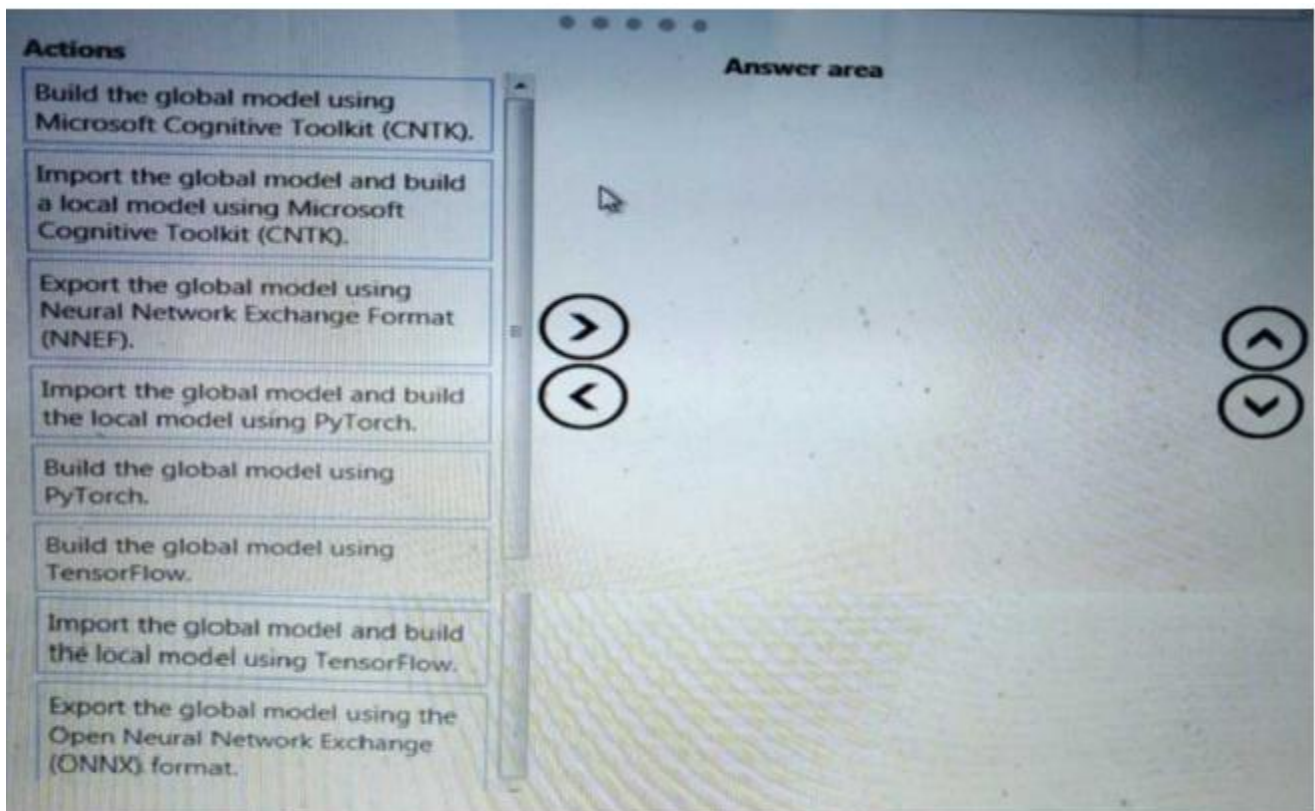
Question: 4

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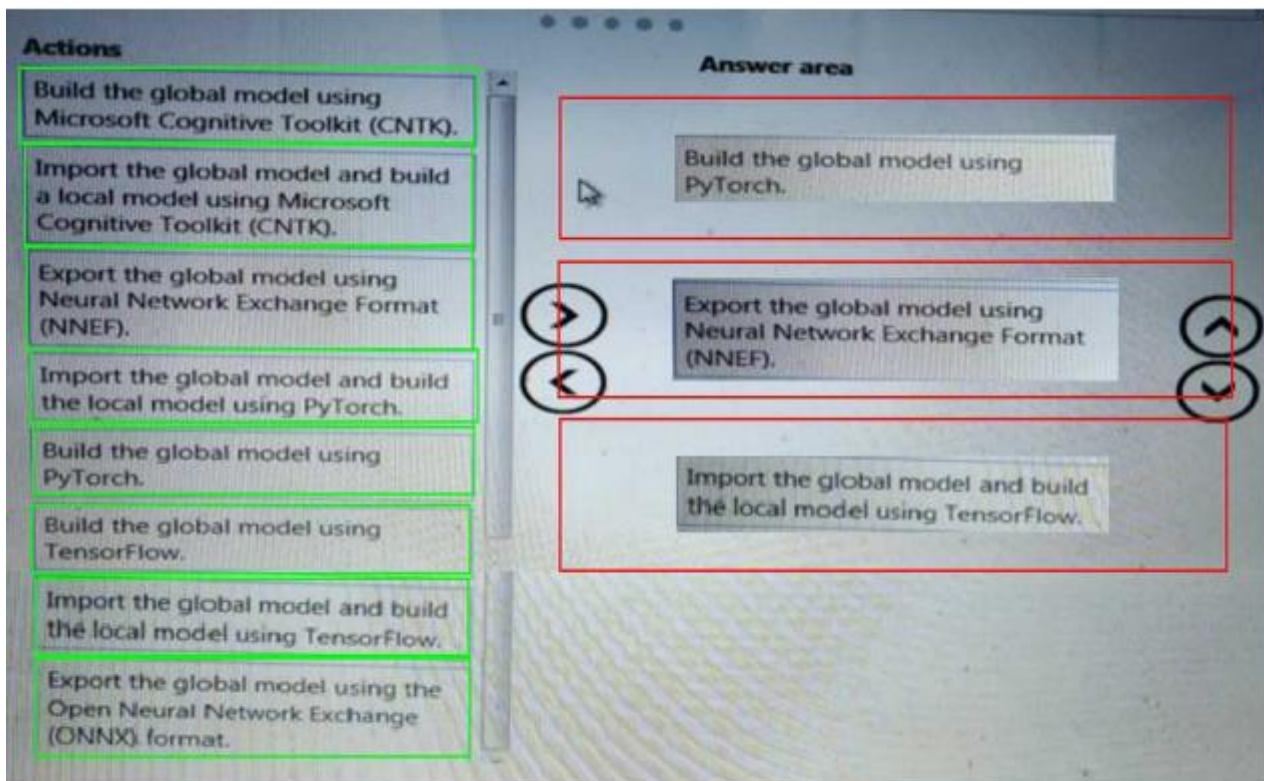
DRAG DROP

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

Explanation:

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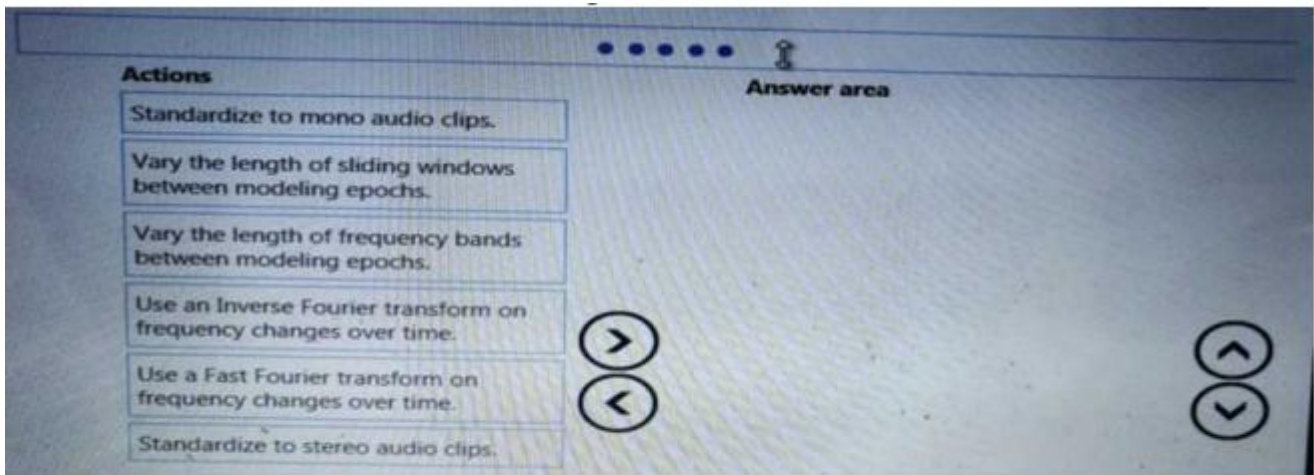
Question: 5

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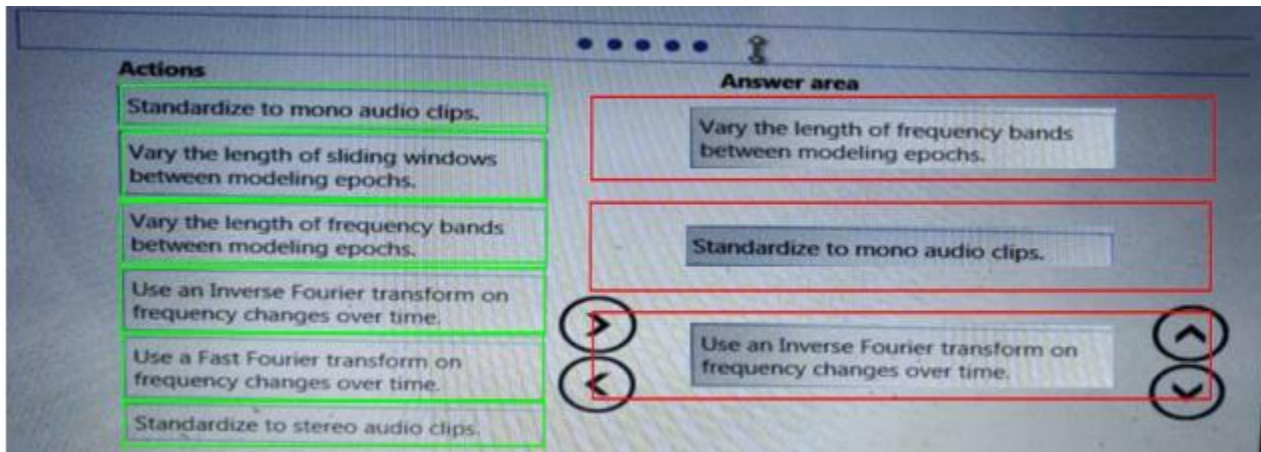
DRAG DROP

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:



Explanation:

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