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Exam : **C1000-177**

Title : Foundations of Data
Science using IBM watsonx

Version : DEMO

1. Why is it important to create hypotheses about the behavior of the AI system?

- A. It simplifies the coding process for developers
- B. It helps predict and mitigate potential risks associated with the system
- C. It is primarily for marketing purposes
- D. It fulfills a legal requirement for AI development

Answer: B

2. In the context of machine learning, what does the term 'model drift' refer to?

- A. The migration of the model from one server to another
- B. The change in model parameters due to new updates
- C. The change in model performance due to changes in underlying data patterns
- D. The physical movement of the hardware running the model

Answer: C

3. Which approach is recommended for prioritizing business opportunities when planning an MVP?

- A. Choosing the most straightforward implementation irrespective of impact
- B. Assessing the potential return on investment and strategic fit
- C. Prioritizing based on the preference of the project manager
- D. Focusing solely on technological innovation

Answer: B

4. What is the primary purpose of monitoring a model in production?

- A. To enhance the visual appeal of the model's output
- B. To ensure the model's performance remains stable over time
- C. To reduce the model's complexity for easier understanding
- D. To increase the model's training speed

Answer: B

5. Which of the following are essential tasks when preparing data for exploratory analysis? (Choose Three)

- A. Labeling data accurately
- B. Ensuring data is representative of the entire population
- C. Assigning random values to missing data points
- D. Anonymizing sensitive information
- E. Organizing data chronologically

Answer: ABD