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1. Which of the following statements is correct about the Feedback stage of the data science methodology?

1 / 1 point

- Only the feedback management provided is helpful during the Feedback stage.
- Feedback is not helpful and gets in the way.
- Feedback is not required once launched.
- Feedback is essential to the long-term viability of the model.

Correct

Correct. Feedback is essential to the long-term usefulness or viability of the model.

2. Which of the following statements represents the essential characteristics of the data science methodology?

1 / 1 point

- Data Science Methodology has no endpoint because data collection occurs before identifying the data requirements.
- Data Science Methodology stages and work ends immediately ends when the data scientist deploys the model.
- Data Science Methodology stages immediately end after data scientists deploy the code because no feedback is required.
- Data Science Methodology is a highly iterative process. At any point in the methodology, data scientists can decide to repeat a stage or revisit a prior stage and work forward from that previous stage.

Correct

Correct. Data Science Methodology is a highly iterative process. At any point in the methodology process, data scientists can decide to repeat a stage or revisit a prior stage and work forward again from that previous stage.

3. For predictive models, a test data set, which is similar to but independent of the training set, is used to determine how well the model predicts outcomes—using a training or test. A test data set happens during which stage in Foundational Data Science Methodology?

1 / 1 point

- Analytic Approach.
- Deployment.
- Data Requirements.
- Model Evaluation.

Correct

Correct. During the Evaluation stage, also known as Model Evaluation, data scientists use a training set to test the model to determine if the data answers the business question.