

✓ **Congratulations! You passed!**

Grade received **83.33%** To pass 66% or higher

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From Deployment to Feedback

Latest Submission Grade **83.33%**

1. Select the correct statement about the Feedback stage of the data science methodology.

1 / 1 point

- ☐ Feedback is not required once launched.
- ☐ Feedback is not helpful and gets in the way.
- ☒ Feedback is essential to the long term viability of the model.
- ☐ None of the above statements are correct.

✓ **Correct**
Correct.

2. A data scientist determines that building a recommender system is the solution for a particular business problem at hand. This is represented by the Modeling stage of the data science methodology?

1 / 1 point

- ☐ True
- ☒ False

✓ **Correct**
Correct.

3. A data scientist, John, was asked to help reduce readmission rates at a local hospital. After some time, John provided a model that predicted which patients were more likely to be readmitted to the hospital and declared that his work was done. Which of the following best describes this scenario?

1 / 1 point

- ☐ John only provided one model as a solution and he should have provided multiple models.
- ☐ John's mistake is that he lied in the Analytic Approach step of the data science methodology.
- ☒ Even though John only submitted one solution, it might be a good one. However, John needed feedback on his model from the hospital to confirm that his model was able to address the problem appropriately and sufficiently.
- ☐ John still needed to collect more data.

✓ **Correct**
Correct.

4. Data scientists may frequently return to a previous stage to make adjustments, as they learn more about the data and the modeling.

1 / 1 point

- ☒ True.
- ☐ False.

✓ **Correct**
Correct.

5. For predictive models, a test set, which is similar to – but independent of – the training set, is used to determine how well the model predicts outcomes. This is an example of what step in the methodology?

1 / 1 point

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

✓ **Correct**
Correct.

6. What are three important reasons that data scientists should maintain continuous communication with business sponsors throughout a project?

0 / 1 point

- ☒ Actually, data scientists do not need to maintain a continuous communication with business sponsors and stakeholders.

✗ **This should not be selected**
Incorrect.

- ☐ So that business sponsors can ensure the work remains on track to generate the intended solution.
- ☐ So that business sponsors can review intermediate findings.
- ☐ So that business sponsors can provide domain expertise.