**From Deployment to Feedback**

**LATEST SUBMISSION GRADE**

90%

1.

Question 1

The final stages of the data science methodology are an iterative cycle between Modelling, Evaluation, Deployment, and Feedback.

**1 / 1 point**



True



False

**Correct**

Correct.

2.

Question 2

Feedback is not required once the model is deployed because the Model Evaluation stage would have assessed the model and made sure that it performed well.

**1 / 1 point**



True



False

**Correct**

Correct.

3.

Question 3

Deploying a model into production represents the end of the iterative process that includes Feedback, Model Refinement, and Redeployment.

**1 / 1 point**



True.



False

**Correct**

Correct.

4.

Question 4

The data science methodology is a specific strategy that guides processes and activities relating to data science only for text analytics.

**1 / 1 point**



True.



False.

**Correct**

Correct.

5.

Question 5

A data scientist determines that building a recommender system is the solution for a particular business problem at hand. What stage of the data science methodology does this represent?

**0 / 1 point**



Analytic Approach.



Modeling.



Deployment.



Model Evaluation.

**Incorrect**

Incorrect. Model evaluation is when the recommender system is tested to make sure that it is performing as expected before it is deployed.

6.

Question 6

A car company asked a data scientist to determine what type of customers are more likely to purchase their vehicles. However, the data comes from several sources and is in a relatively “raw format”. What kind of processing can the data scientist perform on the data to prepare it for the Modeling stage?

A. Feature Engineering.

B. Transforming the data into more useful variables.

C. Combining the data from the various sources.

D. Addressing missing invalid values.

**1 / 1 point**



Only options A and D are correct.



Only option C is correct.



None of the options are correct.



All of the options are correct.

**Correct**

Correct.

7.

Question 7

Data scientists typically use descriptive statistics and data visualization techniques for exploratory analysis of data and to get acquainted with it.

**1 / 1 point**



True.



False.

**Correct**

Correct.

8.

Question 8

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.

9.

Question 9

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**



Analytic Approach.



Model Evaluation.



Deployment.



Data Requirements.

**Correct**

Correct.

10.

Question 10

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

**1 / 1 point**



So that business sponsors can ensure the work remains on track to generate the intended solution.

**Correct**

Correct.



So that business sponsors can provide domain expertise.

**Correct**

Correct.



So that business sponsors can review intermediate findings.

**Correct**

Correct.



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