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Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE

100%

From Deployment to Feedback

LATEST SUBMISSION GRADE

100%

1. The final stages of the data science methodology are an iterative cycle between which of the different stages?

1 / 1 point

- ☐ Modeling, Evaluation, Data Understanding, Data Preparation, and Deployment.
- ☐ Modeling, Data Preparation, Deployment, and Feedback.
- ☒ Modeling, Evaluation, Deployment, and Feedback.
- ☐ Data Understanding, Data Preparation, Evaluation, and Modeling.

✓ Correct
Correct.

2. 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.

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

1 / 1 point

- ☒ False.
- ☐ True.

✓ Correct
Correct.

5. 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.

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?

1 / 1 point

- A. Feature Engineering.
- B. Transforming the data into more useful variables.
- C. Combining the data from the various sources.
- D. Addressing missing/invalid values.

- ☐ 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. What do data scientists typically use for exploratory analysis of data and to get acquainted with it?

1 / 1 point

- ☐ They use support vector machines and neural networks as feature extraction techniques.
- ☐ They begin with regression, classification, or clustering.
- ☐ They use deep learning.
- ☒ They use descriptive statistics and data visualization techniques.

✓ Correct
Correct.

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. 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

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

✓ Correct
Correct.

10. Data scientists should maintain continuous communication with stakeholders throughout a project so that business stakeholders can ensure the work remains on track to generate the intended solution.

1 / 1 point

- ☐ False.
- ☒ True.

✓ Correct
Correct.