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Grade received **91.66%** To pass 66% or higher

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From Modeling to Evaluation

Latest Submission Grade **91.66%**

1. Which statement best describes the Modeling Stage of the data science methodology?

1 / 1 point

- ☐ The Modeling stage is followed by the Analytic Approach stage.
- ☐ Modeling is always based on predictive models.
- ☒ Modeling may require testing multiple algorithms and parameters.
- ☐ Modeling always uses training and test sets.

✓ **Correct**
Correct.

2. Select the correct statement(s) about the Model Evaluation stage of the data science methodology.

0.75 / 1 point

☒ Model Evaluation cannot include statistical significance testing.

☒ **This should not be selected**
Incorrect. Model Evaluation **can** include statistical significance testing.

☒ Model Evaluation includes ensuring that the model is working as intended.

☒ **Correct**
Correct.

☒ Model Evaluation includes ensuring the model is designed as intended.

☒ **Correct**
Correct.

☒ Model Evaluation includes ensuring that the data are properly handled and interpreted.

☒ **Correct**
Correct.

3. The ROC curve is a useful diagnostic tool for determining the optimal classification model.

1 / 1 point

☒ True

☐ False

☒ **Correct**
Correct.

