

# From Modeling to Evaluation

LATEST SUBMISSION GRADE

100%

1. A training set is used for predictive modeling.

1 / 1 point

- ☒ True  
☐ False

✓ **Correct**  
Correct.

2. A statistician calls a false-negative, a type I error, and a false-positive, a type II error.

1 / 1 point

- ☐ True  
☒ False

✓ **Correct**  
Correct.

3. 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 may require testing multiple algorithms and parameters.  
☐ Modeling is always based on predictive models.  
☐ Modeling always uses training and test sets.

✓ **Correct**  
Correct.

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

1 / 1 point

- ☒ True  
☐ False

✓ **Correct**  
Correct.

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

1 / 1 point

- ☒ True  
☐ False

✓ **Correct**  
Correct.