**From Modeling to Evaluation**

**LATEST SUBMISSION GRADE**

100%

1.Question 1

A training set is used for predictive modeling.



True



False

**Correct**

Correct.

**1 / 1 point**

2.Question 2

Which of the following is correct, in the context of congestive heart failure readmission?



A false-negative is when a true readmission is misclassified. If no action is taken to reduce the risk, then the cost of the misclassification is the readmission and all the associated costs, plus the trauma to the patient. This is also called a type I error.



A false-positive is when a true, non-readmission is misclassified. If action is taken to reduce the patient's risk, the cost of the misclassification is the wasted intervention. This is also called a type I error.



A false-positive is when a true, non-readmission is misclassified. If action is taken to reduce the patient's risk, the cost of the misclassification is the wasted intervention. This is also called a type II error.



A false-positive is when a true readmission is misclassified. If no action is taken to reduce the risk, then the cost of the misclassification is the readmission and all the associated costs, plus the trauma to the patient. This is also called a type II error.

**Correct**

Correct.

**1 / 1 point**

3.Question 3

The Modeling stage is followed by the Analytic Approach stage.



True



False

**Correct**

Correct.

**1 / 1 point**

4.Question 4

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



True



False

**Correct**

Correct.

**1 / 1 point**

5.Question 5

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



True



False

**Correct**

Correct.