

# Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE  
80%

Retake the assignment in 7h 57m

## Introduction and Review of Concepts

LATEST SUBMISSION GRADE

80%

1. A sample from a population should be which of the following?

1 / 1 point



Correct

2. Which of the following is **not** a characteristic of predictive modeling?

1 / 1 point



Correct

3. The standard error measures the variability associated with the sample mean,  $\bar{x}$ .

1 / 1 point



Correct

4. Select the statement below that **incorrectly** interprets a 95% confidence interval (15.02, 15.04) for the population mean, if the sample mean is 15.03 ounces.

0 / 1 point



Incorrect


5. How do you define the term *power*?

1 / 1 point

 Correct

6. The location and spread of a normal distribution depend on the value of which two parameters?

0 / 1 point

 Incorrect

7. A bank manager is concerned that the percent of loans processed that contain errors has increased above the acceptable amount of 1%. A significance test is conducted to test his concern ( $H_0$ : loan error rate  $\leq 0.01$ ,  $H_a$ : loan error rate  $> 0.01$ ).

1 / 1 point

The manager concludes that the rate is indeed above 1%, when in reality it is not. What type of error did the manager make?

 Correct

8. To reject a test with Student's  $t$  statistic, the  $t$  statistic should be far from 0 and have a small corresponding  $p$ -value.

1 / 1 point

 Correct

9. Which PROC TTEST option would you use to change the confidence level in a confidence interval plot?

1 / 1 point

 Correct

10. A CLASS statement is required in a two-sample  $t$  test.

1 / 1 point



Correct