

Your answers must be accurate within 0.01.

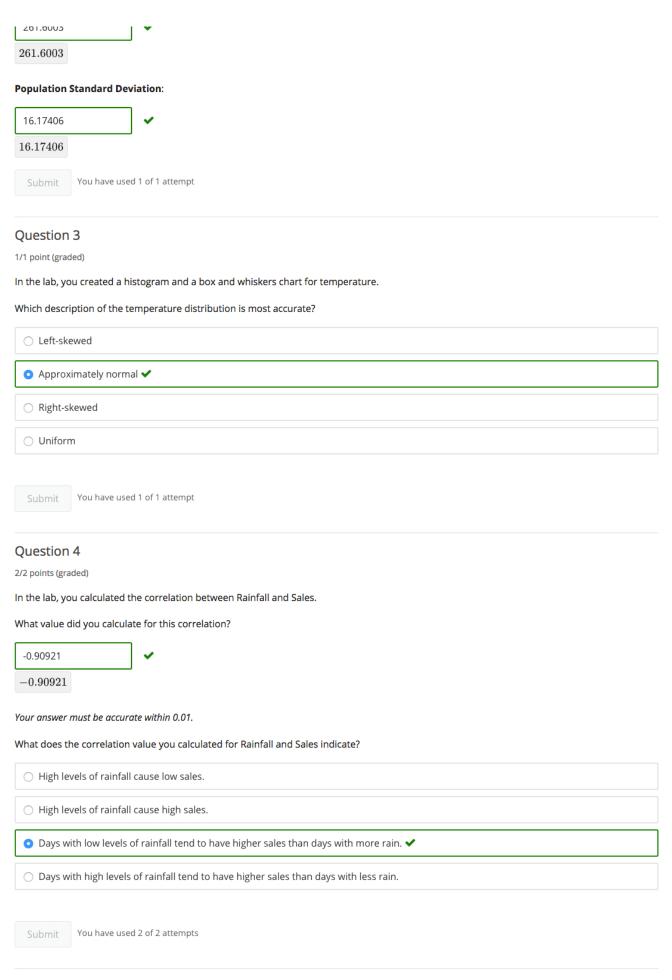
Population Variance:

264 6002

Help



Discussion Progress Course Course > Module 3: Getting Started with Statistics > Lab: Basic Statistical Analysis > Lab Check **3** 💿 Previous Next > Lab Check ☐ Bookmark this page Answer the following questions to prove you have completed the lab successfully. You have a maximum of one attempt to answer each question correctly. After you submit your answer, you will be unable to change it. Your scores from all labs will be combined to determine your overall grade for the course. If you have any questions about grading or specific questions, please post them in the course discussion forum. However, please avoid posting any information that will reveal answers to your fellow students. In the event of a dispute, the decision of the course staff is final. Question 1 3.0/3.0 points (graded) In the lab, you calculated summary statistics for Temperature. What values did you calculate for the following measures of central tendency? Your answers must be accurate within 0.01. Mean: 60.73123 60.73123Median: 61.1 61.1Mode: 55.9 55.9 You have used 1 of 1 attempt Question 2 2.0/2.0 points (graded) What values did you calculate for the following measures of variance?



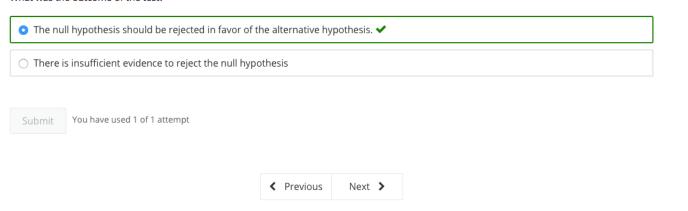
Question 5

In the lab, you performed a hypothesis test with the following hypotheses:

- \bullet H₀: Higher mean sales on days with lower than average rainfall can be explained by random variance.
- H1: Mean sales on days with lower than average rainfall are significantly higher than the population mean and can't be explained by random variance.

You used a critical value of 0.05 to determine whether to reject the null hypothesis in favor of the alternative hypothesis.

What was the outcome of the test?



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