**Module 3: Homework -- Statistical Analysis Results for Tabitha Hagen**

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Score for this quiz: **80** out of 100

Submitted Jul 20, 2022 at 1:51pm

This attempt took 25 minutes.

**Question 1**

**10 / 10 pts**

From Part 1, what is the average (mean) price for diamonds (rounded to the nearest dollar)?

**Correct!**



**Correct Answers**

5019.48

$5019.48

5019

$5019

$5,019

5,019

5,019.48

$5,019.48

5020

5,020

$5,020

5019.00

**Question 2**

**10 / 10 pts**

From Part 1, what is the minimum price for diamonds (rounded to the nearest dollar)?

**Correct!**



**Correct Answers**

$638

638

638.00

**Question 3**

**10 / 10 pts**

From Part 1, what is the maximum price for diamonds (rounded to the nearest dollar)?

**Correct!**



**Correct Answers**

16008

16,008

$16008

$16,008

16,008.00

**Question 4**

**20 / 20 pts**

From Part 2, which 2 variables have the **highest**correlation?



Weight & Color



Weight & Clarity

**Correct!**



Weight & Price



Color & Clarity



Price & Color



Price & Clarity

**Question 5**

**15 / 15 pts**

For Part 3, was clarity found to be a significant variable in the regression analysis?

**Correct!**



True



False

**Question 6**

**0 / 15 pts**

For Part 3, was color found to be a significant variable in the regression analysis?

**Correct Answer**



True

**You Answered**



False

**Question 7**

**15 / 15 pts**

For Part 3, was weight found to be a significant variable in the regression analysis?

**Correct!**



True



False

**Question 8**

**0 / 5 pts**

For part 3, which independent variable impacts the price of diamonds the most (hint: you will need to look at the estimates of the variable that were found to be significant)?



Color

**Correct Answer**



Weight

**You Answered**



Clarity

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**Quiz Submissions**

* [**Attempt 1: 80**](https://uncw.instructure.com/courses/56864/quizzes/200754/history?version=1)

Tabitha Hagen has no attempts left

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