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Graded Review Questions

Graded Review Questions Instructions

1. Time allowed: **Unlimited**

- We encourage you to go back and review the materials to find the right answer
- Please remember that the Review Questions are worth 50% of your final mark.

2. Attempts per question:

- One attempt - For True/False questions
- Two attempts - For any question other than True/False

3. Clicking the "**Final Check**" button when it appears, means your submission is **FINAL**. You will **NOT** be able to resubmit your answer for that question ever again

4. Check your grades in the course at any time by clicking on the "Progress" ta

Question 1

1/1 point (graded)

Consider the dataframe "df". What method provides the summary statistics?

☒ df.describe()

☐ df.head()

☐ df.tail()



Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 2

1/1 point (graded)

Consider the following dataframe:

```
df_test = df['body-style', 'price']
```

The following operation is applied:

```
df_grp = df_test.groupby(['body-style'], as_index=False).mean()
```

What are resulting values of `df_grp['price']` ?☒ The average price for each body style.☐ The average price.☐ The average body style.

Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 3

1/1 point (graded)

Correlation implies causation:

☒ False

☐ True



Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 4

1/1 point (graded)

What is the minimum possible value of Pearson's Correlation?

☐ 1

☐ -100

☒ -1



Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Question 5

1/1 point (graded)

What is the Pearson correlation between variables X and Y if $X=Y$:

☐ -1

☒ 1

☐ 0



Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)