COGNITIVE
CLASS.ai

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)