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

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## 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

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## Question 3

1/1 point (graded)
Correlation implies causation:

- ⦿  False

| ○ True |
|---|

✓

| Submit | You have used 1 of 2 attempts |
|---|---|

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## 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 |
|---|---|

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## 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