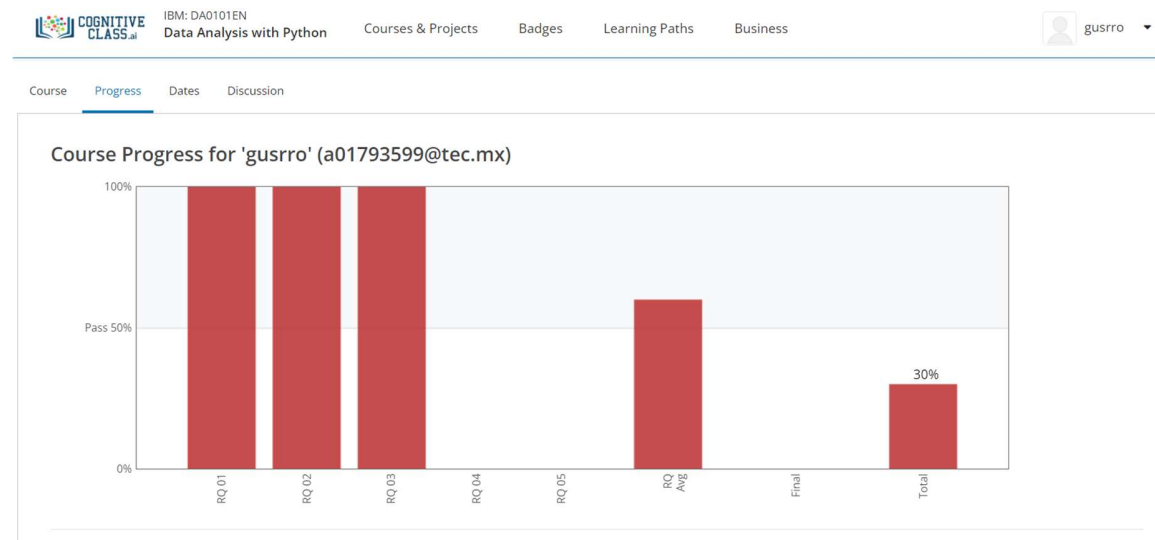


## A01793599 Gustavo René Ramos Ojeda

Ciencia y Analítica de Datos

Avance del curso Data Analysis with Python - 25 de octubre de 2022



### Question 1

1/1 point (graded)

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

☒ df.describe()

☐ df.head()

☐ df.tail()



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You have used 1 of 2 attempts

### 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.



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### Question 3

1/1 point (graded)

Correlation implies causation:

☒ False

☐ True



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### Question 4

1/1 point (graded)

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

☐ 1

☐ -100

☒ -1



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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



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