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Graded Quiz: Exploratory Data Analysis

Graded Quiz • 15 min

Due Oct 25, 12:29 PM +0530

Graded Quiz: Exploratory Data Analysis

Latest Submission Grade 60%

1. Consider the dataframe **df**; what method provides the summary statistics?

1 / 1 point



Correct

2. If we have 10 columns and 100 samples, how large is the output of **df.corr()**?

0 / 1 point



Incorrect

3. If the Pearson Correlation between two variables is zero, then ...

0 / 1 point

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0 / 1 point

✖ Incorrect

4. Consider the following dataframe:

1 / 1
point

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

The following operation is applied:

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

What are the resulting values of: `df_grp['price']`?

✔ Correct

4. Consider the following dataframe:

1 / 1
point

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

The following operation is applied:

```
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```

What are the resulting values of: `df_grp['price']`?

✓ Correct

5. What is the Pearson Correlation between variables X and Y, if $X = -Y$?

1 / 1 point

✓ Correct