Graded Quiz: Test your Project understanding

LATEST SUBMISSION GRADE

100%

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1. How do we create a table in a dataframe using a json file?

   ○ df = pd.readDataFrame(data)

   ○ df = pd.read_csv(data)

   ◉ df = pd.read_json(r'/rain.json')

   ○ df = pd.create(data)

   > ✓ Correct
   > Correct! You pass the file name to the read_json method.

2. How do you specify the width = 15 and heigth = 5 of a pyplot window using plt.figure()?

   ◉ figsize=(15,5)

   ○ x=5,y=15

   ○ l=15,w=5

   ○ size=(15,5)

   > ✓ Correct
   > Correct! You specify the width and height using the figsize property.

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3. What is the proper way to create a scatterplot using Seaborn?   1 / 1 point

   ○ import pyplot as sns

     sns.scatterplot(x='Year', y='Rainfall', data=df)

   ◉ import seaborn as sns

     sns.scatterplot(x='Year', y='Rainfall', data=df)

   ○ import matplotlib as sns

     sns.scatterplot(x='Year', y='Rainfall', data=df)

   ○ import pandas as sns

     sns.scatterplot(x='Year', y='Rainfall', data=df)

   > ✓ Correct
   > Correct! You import the seaborn library and use it to create the scatterplot.

4. How do you display the linear correlation of two data sets using Seaborn?   1 / 1 point

   ○ use pyplot

   ○ use plot

   ◉ use regplot

   ○ use scatterplot

   > ✓ Correct
   > Correct! You use regplot to draw a linear correlation line (regression) using Seaborn.

5. What is the advantage of using jointplot to plot data?   1 / 1 point

- ● It allows you to see two plot types (histogram and scatter) at the same time.

- ○ It allows you to graph multiple variables.

- ○ It allows you to change plots on the fly.

- ○ It identifies joints or kinks in the data set.

✓ **Correct**
Correct. Jointplot allows you to see two types of plots at the same time.