

# Graded Quiz: Test your Project understanding

Latest Submission Grade 100%

1.

Question 1

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

1 / 1 point

☐

`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.

Question 2

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

1 / 1 point

☐

`size=(15,5)`

☐

`l=15,w=5`

☐

```
x=5,y=15
```

☒

```
figsize=(15,5)
```

Correct

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

3.

Question 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 matplotlib as sns
```

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

☒

```
import seaborn 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.

Question 4

How do you display the linear correlation of two data sets using Seaborn?

1 / 1 point



use pyplot



use scatterplot



use regplot



use plot

Correct

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

5.

Question 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 identifies joints or kinks in the data set.



It allows you to change plots on the fly.



It allows you to graph multiple variables.

Correct

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