Seaborn quiz

7 out of 7 correct

1. How would you create a histogram in seaborn?

- ○ sns.hist(data)
- ○ sns.histogram(data)
- ○ sns.histograms(data)
- ◉ sns.histplot(data)

Explanation: To create a histogram in Seaborn, you can use the sns.histplot() function. This function takes in the data you want to plot and allows you to specify various parameters to customize the plot.

2. How would you create a scatter plot in seaborn?

- ○ sns.scatter(x, y)
- ◉ sns.scatterplot(x, y)
- ○ sns.scatterplots(x, y)
- ○ sns.scatter_plot(x, y)

Explanation: The sns.scatterplot function in Seaborn is used to create a scatter plot. The x and y values are passed as arguments to the function, as in sns.scatterplot(x, y). This code would create a scatter plot with the x values on the x-axis and the y values on the y-axis. This is the most commonly used method for creating a scatter plot in Seaborn.

3. How would you create a bar plot in seaborn?

- ○ sns.bar(x, y)
- ◉ sns.barplot(x, y)
- ○ sns.barplots(x, y)
- ○ sns.bar_plot(x, y)

Explanation: The sns.barplot function in Seaborn is used to create a bar plot. The x and y values are passed as arguments to the function, as in sns.barplot(x, y). This code would create a bar plot with the x values on the x-axis and the y values on the y-axis. This is the most commonly used method for creating a bar plot in Seaborn.

4. How would you create a box plot in seaborn?

- ○ sns.box(data)
- ◉ sns.boxplot(data)
- ○ sns.boxplots(data)
- ○ sns.box_plot(data)

Explanation: The sns.boxplot function in Seaborn is used to create a box plot. The data to be plotted is passed as an argument to the function, as in sns.boxplot(data). This code would create a box plot with the data provided. This is the most commonly used method for creating a box plot in Seaborn.

5. How would you create a violin plot in seaborn?

- ○ sns.violin(data)
- ◉ sns.violinplot(data)
- ○ sns.violinplots(data)
- ○ sns.violin_plot(data)

Explanation: The sns.violinplot function in Seaborn is used to create a violin plot. The data to be plotted is passed as an argument to the function, as in sns.violinplot(data). This code would create a violin plot with the data provided. This is the most commonly used method for creating a violin plot in Seaborn.

6. How would you create a line plot in seaborn?

- ○ sns.line(x, y)
- ◉ sns.lineplot(x, y)
- ○ sns.lineplots(x, y)
- ○ sns.line_plot(x, y)

Explanation: The sns.lineplot function in Seaborn is used to create a line plot. The x and y values are passed as arguments to the function, as in sns.lineplot(x, y). This code would create a line plot with the x values on the x-axis and the y values on the y-axis. This is the most commonly used method for creating a line plot in Seaborn.

7. How would you create a kde plot in seaborn?

- ○ sns.kde(data)
- ◉ sns.kdeplot(data)
- ○ sns.kdeplots(data)
- ○ sns.kde_plot(data)

Explanation: The sns.kdeplot function in Seaborn is used to create a kernel density estimation (kde) plot. The data to be plotted is passed as an argument to the function, as in sns.kdeplot(data). This code would create a kde plot with the data provided. This is the most commonly used method for creating a kde plot in Seaborn.

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