Seaborn Assessment

1. Load the 'tips' dataset from Seaborn and display the first 5 rows.

2. Create a scatter plot of total_bill vs tip using the 'tips' dataset.

3. Plot a line graph for total_bill vs tip using Seaborn.

4. Draw a bar plot to show the average tip for each day in the 'tips' dataset.

5. Use a count plot to display how many records are available for each day.

6. Make a box plot to show total_bill distribution across different days.

7. Create a violin plot for total_bill vs day.

8. Plot a histogram of the 'total_bill' column with KDE using histplot.

9. Load the 'iris' dataset and draw a pairplot for all features.

10. Use the 'titanic' dataset and show a heatmap of its numeric correlation matrix.

11. Use the 'penguins' dataset and draw a scatter plot of bill_length_mm vs flipper_length_mm.

12. Plot a box plot for 'fare' against 'class' using the 'titanic' dataset.

13. Create a count plot to show the number of survivors and non-survivors in the Titanic dataset.

14. Use FacetGrid to plot histograms of 'total_bill' by gender in the 'tips' dataset.

15. Create a heatmap of the correlation matrix from the 'penguins' dataset using numeric_only=True.

16. Load the 'diamonds' dataset and draw a violin plot of price by cut.

17. Draw a pairplot using the 'penguins' dataset with hue as 'species'.

18. Use the 'flights' dataset to create a pivot table and then visualize it using a heatmap.

19. Apply a dark theme to your plots using set_style and recreate a scatter plot.

20. Convert all categorical columns in the 'tips' dataset to numeric and create a full correlation heatmap.