Program:

import seaborn as sns

import matplotlib.pyplot as plt

tips = sns.load\_dataset("tips")

sns.set\_theme(style="whitegrid")

plt.figure(figsize=(6, 4))

sns.scatterplot(x="total\_bill", y="tip", hue="sex", data=tips)

plt.title("Scatter Plot: Total Bill vs Tip")

plt.show()

plt.figure(figsize=(6, 4))

sns.boxplot(x="day", y="total\_bill", data=tips, palette="pastel")

plt.title("Box Plot: Total Bill per Day")

plt.show()

plt.figure(figsize=(6, 4))

sns.violinplot(x="time", y="tip", data=tips, palette="muted")

plt.title("Violin Plot: Tip Amount by Time of Day")

plt.show()

Output:

