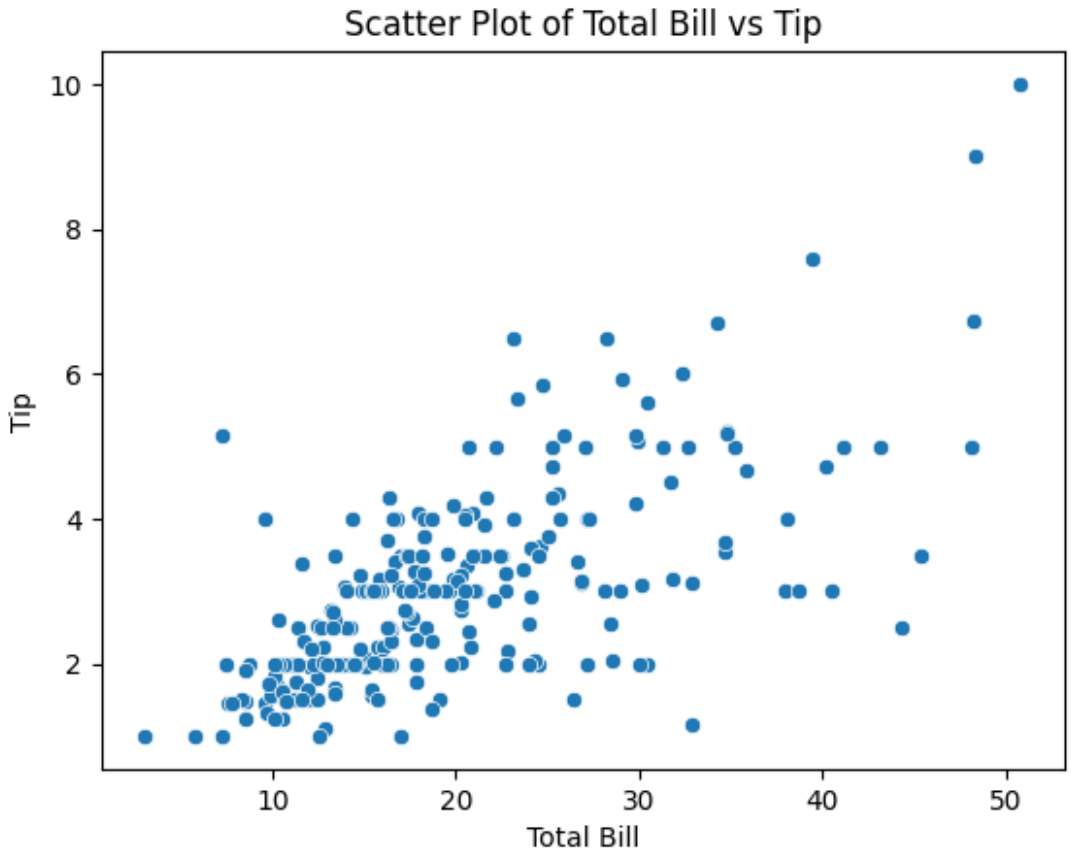
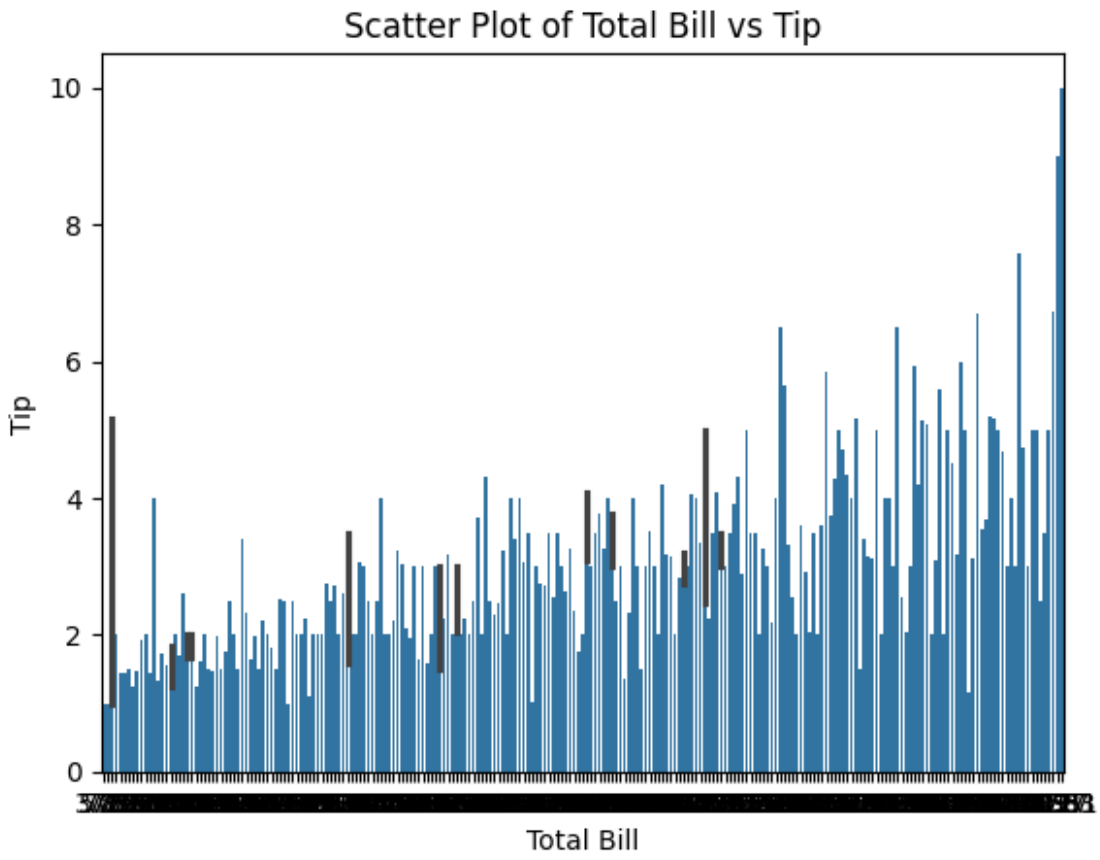
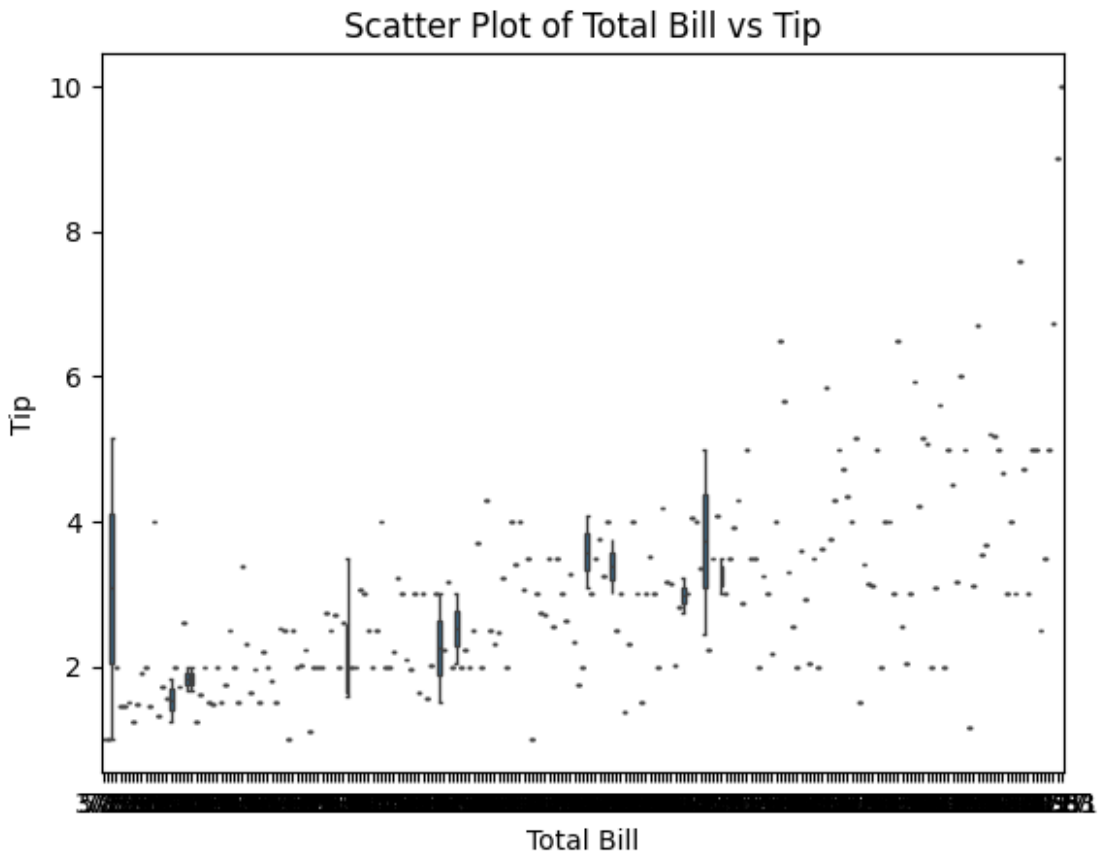
```
import seaborn as sns
import matplotlib.pyplot as plt
tips=sns.load_dataset("tips")
sns.scatterplot(x="total_bill",y="tip",data=tips)
plt.title("Scatter Plot of Total Bill vs Tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



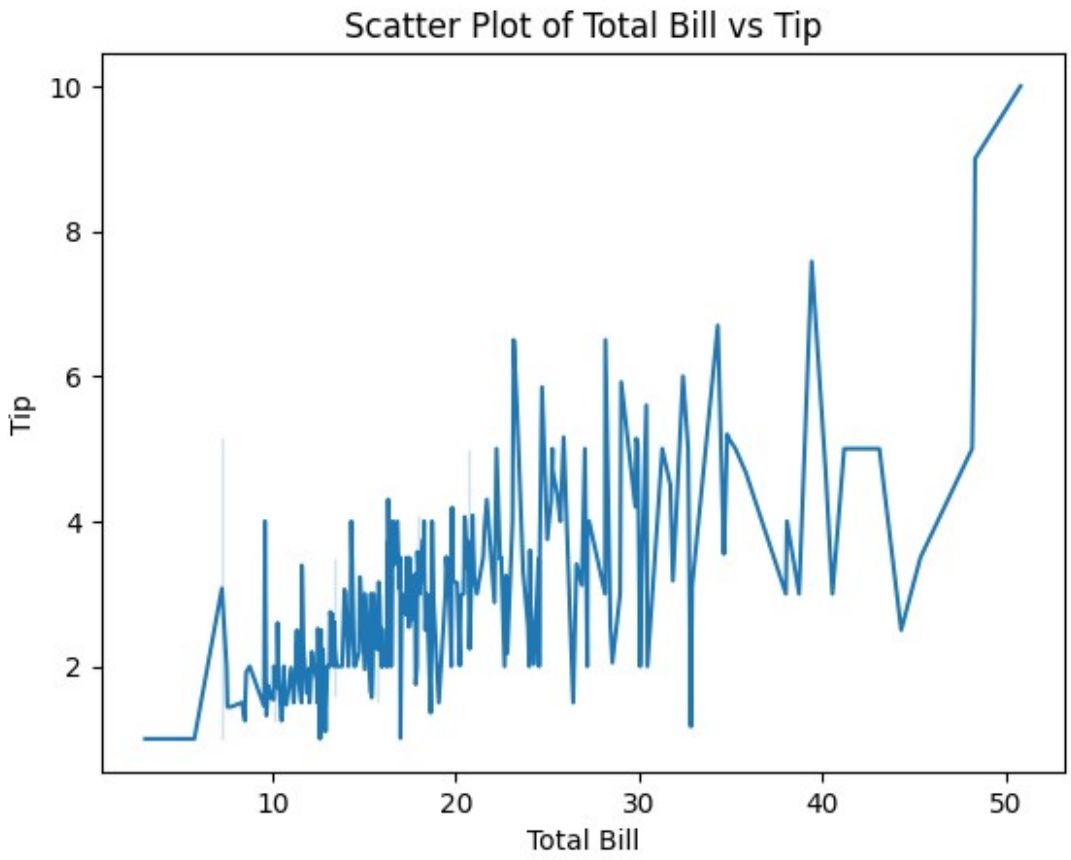

```
import seaborn as sns
import matplotlib.pyplot as plt
tips=sns.load_dataset("tips")
sns.barplot(x="total_bill",y="tip",data=tips)
plt.title("Scatter Plot of Total Bill vs Tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



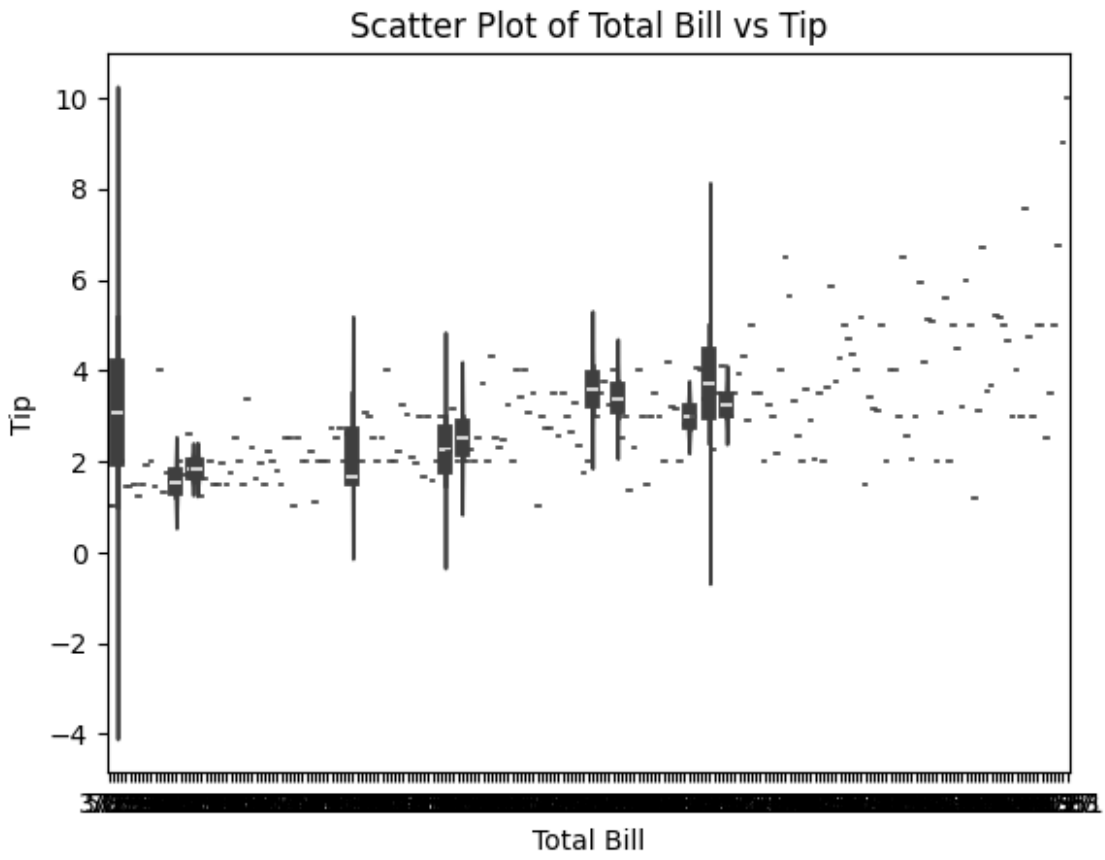

```
import seaborn as sns
import matplotlib.pyplot as plt
tips=sns.load_dataset("tips")
sns.boxplot(x="total_bill",y="tip",data=tips)
plt.title("Scatter Plot of Total Bill vs Tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



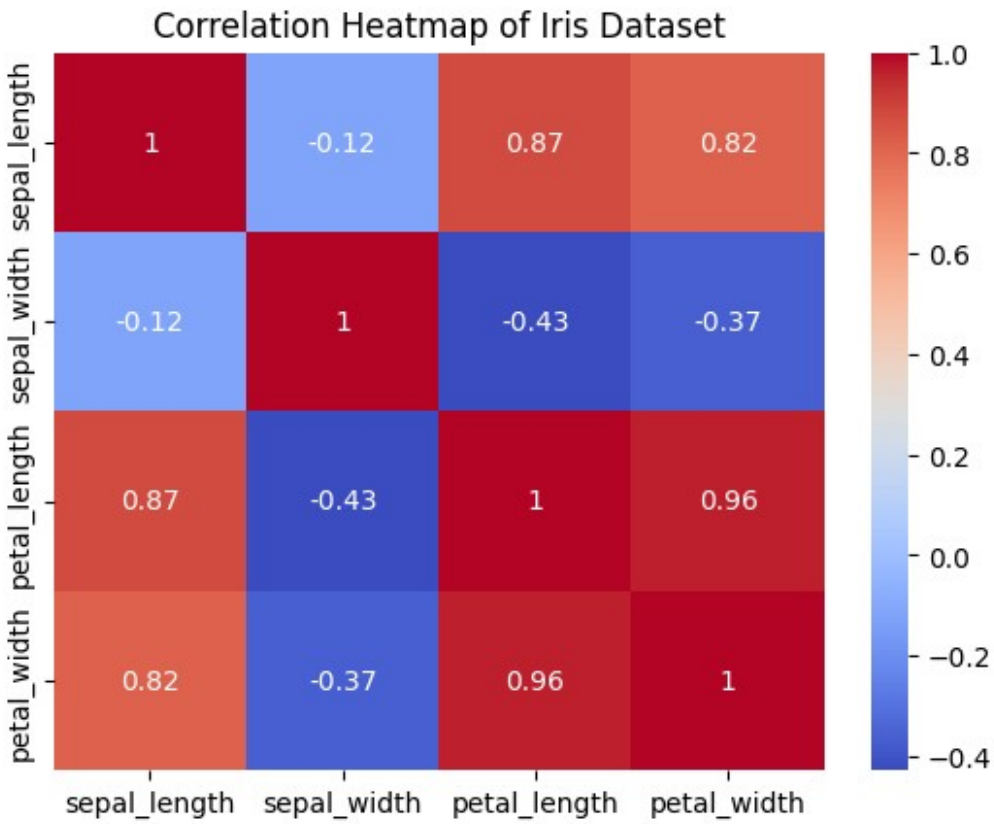

```
import seaborn as sns
import matplotlib.pyplot as plt
tips=sns.load_dataset("tips")
sns.lineplot(x="total_bill",y="tip",data=tips)
plt.title("Scatter Plot of Total Bill vs Tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



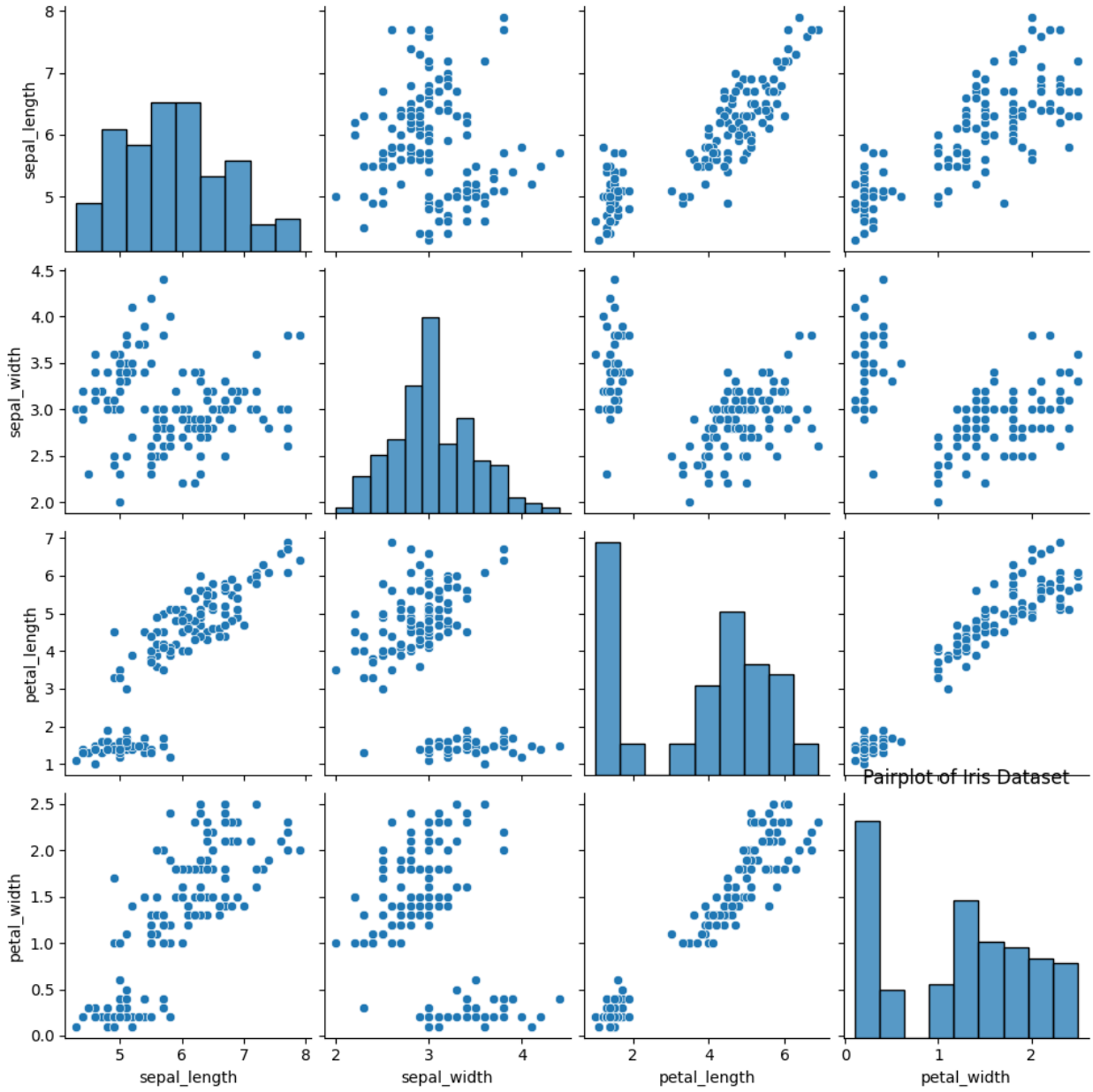

```
import seaborn as sns
import matplotlib.pyplot as plt
tips=sns.load_dataset("tips")
sns.violinplot(x="total_bill",y="tip",data=tips)
plt.title("Scatter Plot of Total Bill vs Tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



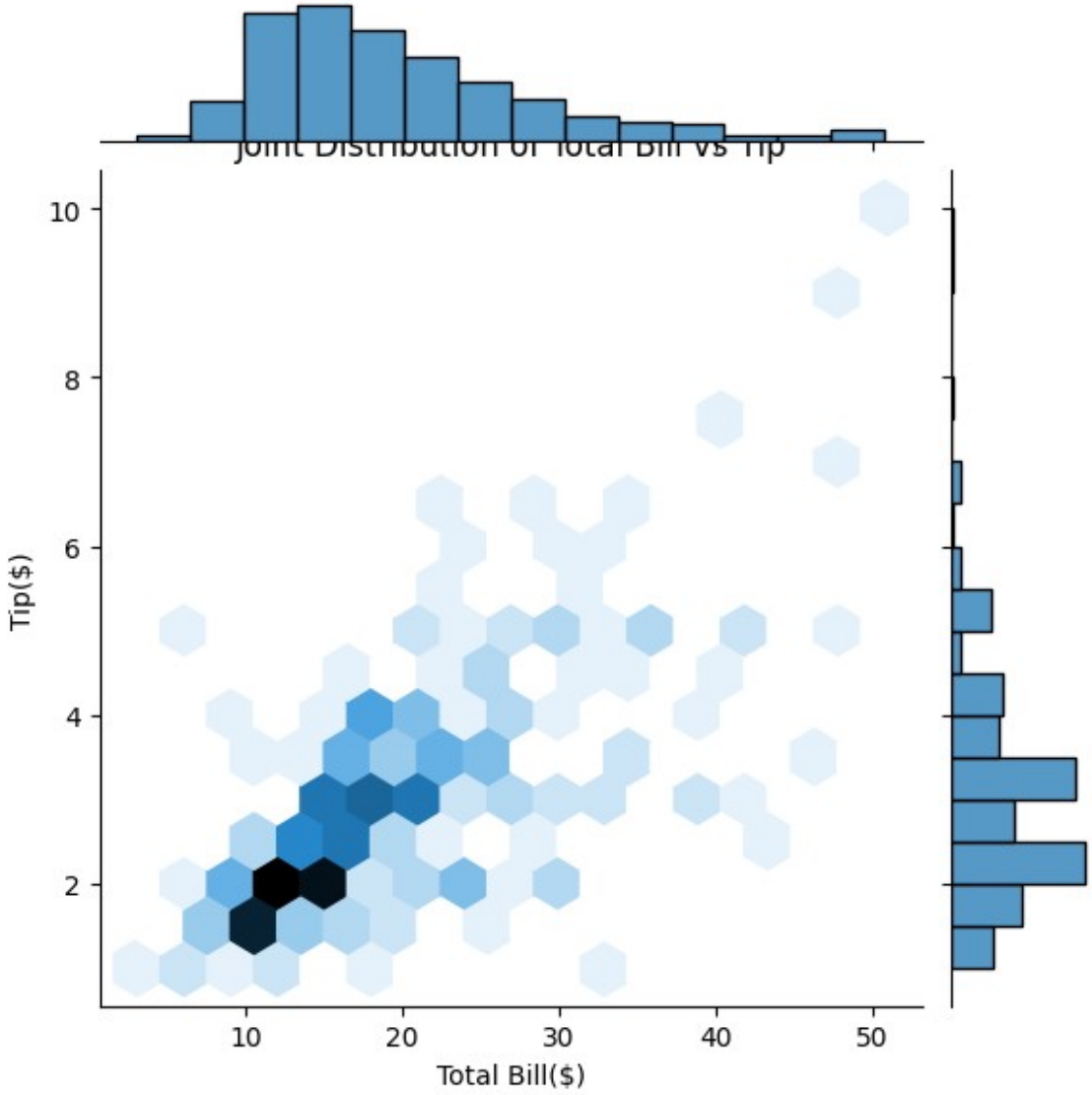

```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset("iris")
correlation_matrix=iris.drop('species', axis=1).corr()
sns.heatmap(correlation_matrix,annot=True,cmap="coolwarm")
plt.title("Correlation Heatmap of Iris Dataset")
plt.show()
```




```
import seaborn as sns
import matplotlib.pyplot as plt
iris=sns.load_dataset("iris")
sns.pairplot(iris)
plt.title("Pairplot of Iris Dataset")
plt.show()
```




```
import seaborn as sns
import matplotlib.pyplot as plt
tips=sns.load_dataset("tips")
sns.jointplot(x="total_bill",y="tip",data=tips,kind="hex")
plt.title("Joint Distribution of Total Bill vs Tip")
plt.xlabel("Total Bill($)")
plt.ylabel("Tip($)")
plt.show()
```


Joint Distribution of Total Bill vs Tip
Tip($)
Total Bill($)
10
8
6
4
2
10
20
30
40
50