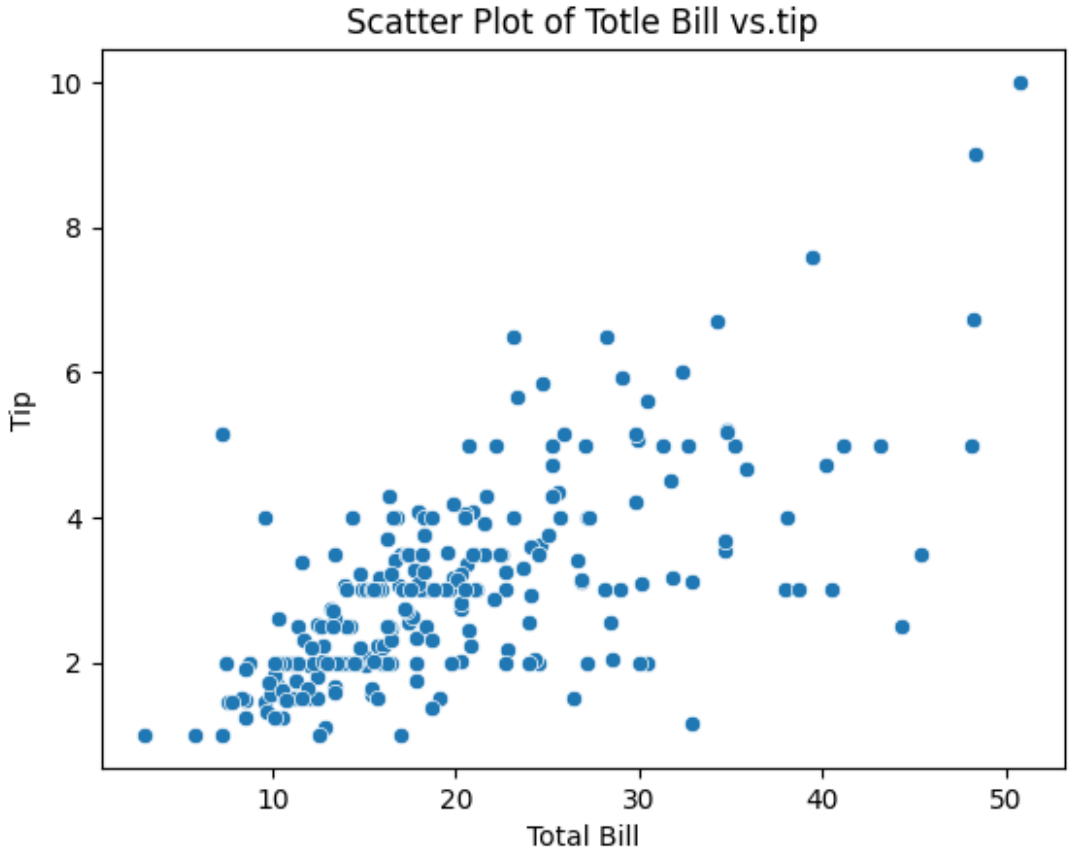
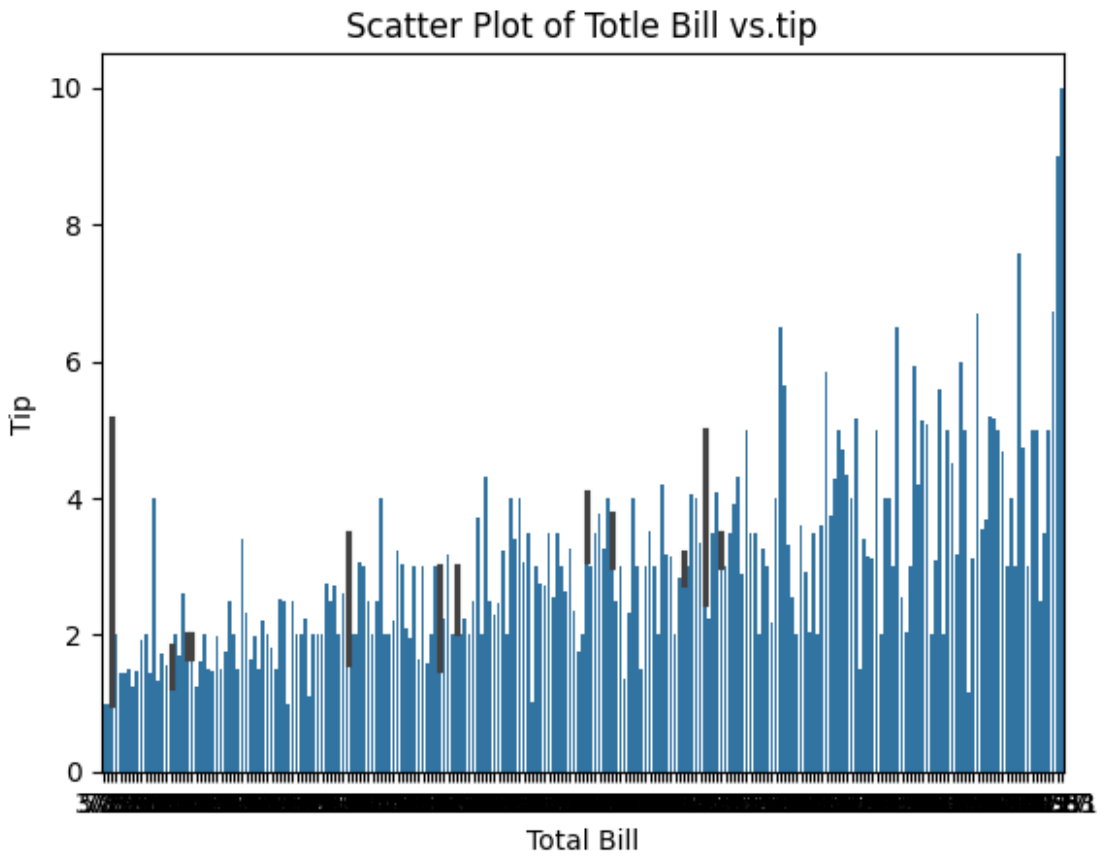
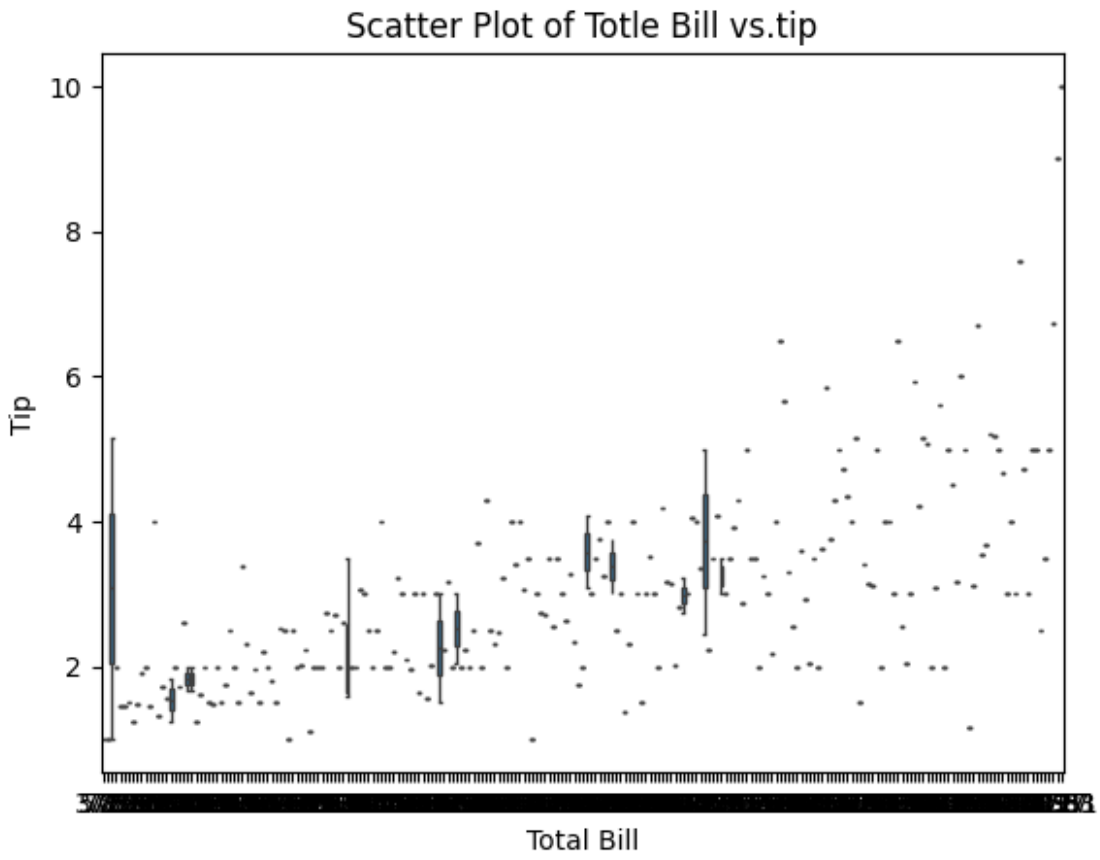
```
import seaborn as sns
import matplotlib.pyplot as plt

tips=sns.load_dataset('tips')

sns.scatterplot(x='total_bill',y='tip',data=tips)
plt.title("Scatter Plot of Totle Bill vs.tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



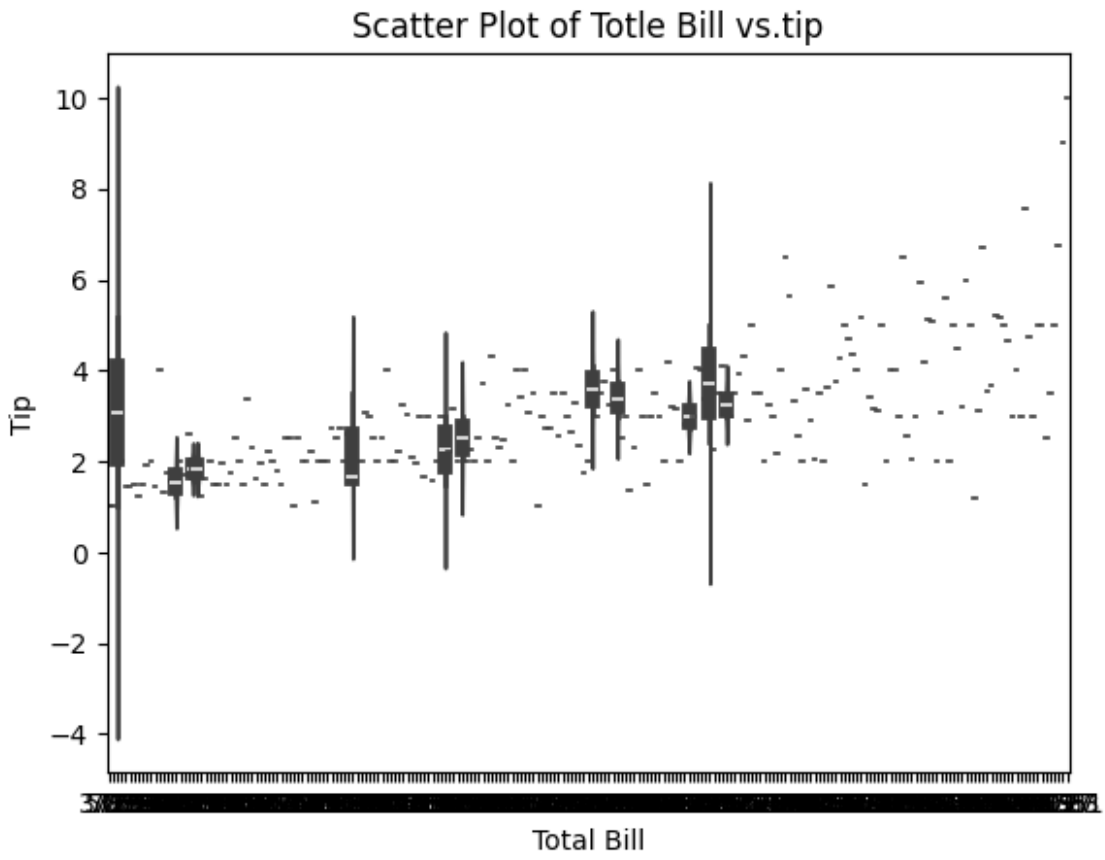

```
import seaborn as sns
import matplotlib.pyplot as plt

tips=sns.load_dataset('tips')

sns.barplot(x='total_bill',y='tip',data=tips)
plt.title("Scatter Plot of Totle Bill vs.tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



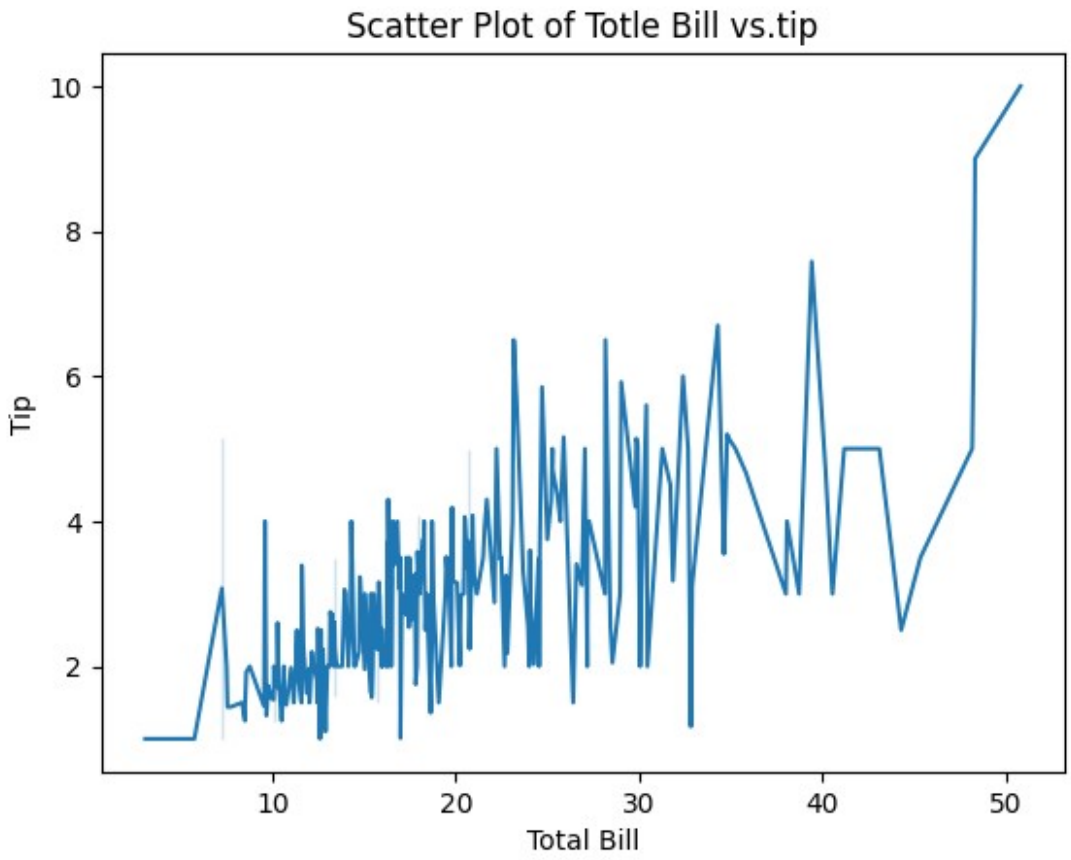

```
import seaborn as sns
import matplotlib.pyplot as plt

tips=sns.load_dataset('tips')

sns.boxplot(x='total_bill',y='tip',data=tips)
plt.title("Scatter Plot of Totle Bill vs.tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



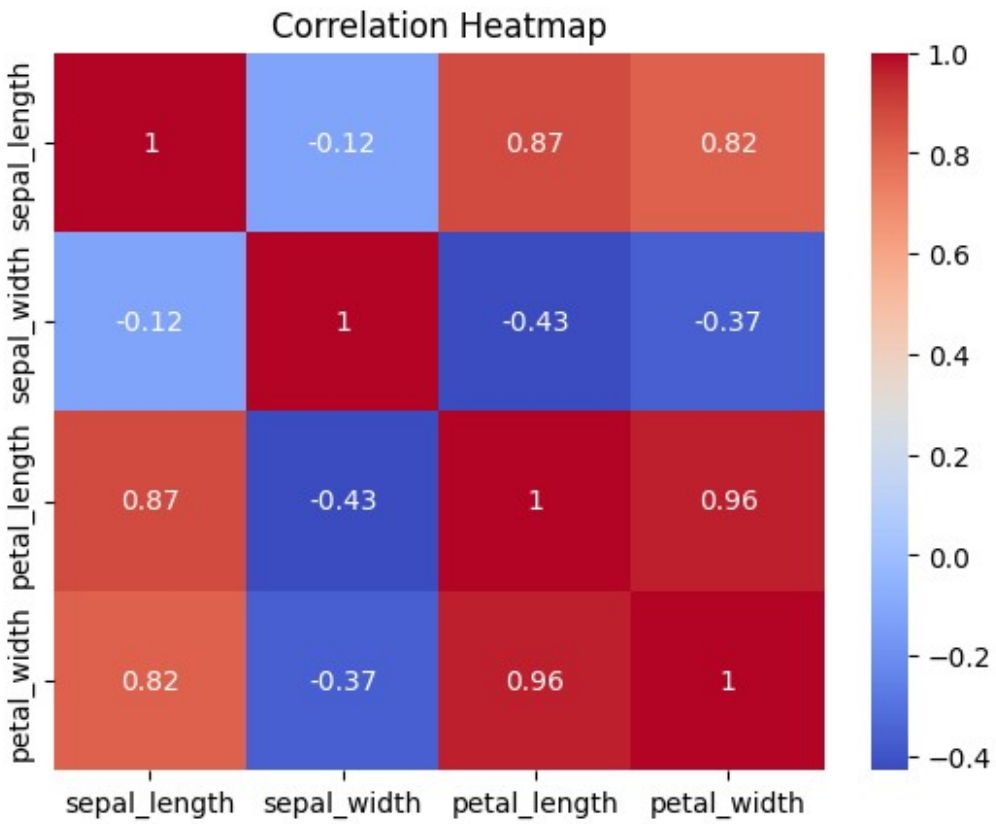

```
sns.violinplot(x='total_bill',y='tip',data=tips)
plt.title("Scatter Plot of Totle Bill vs.tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



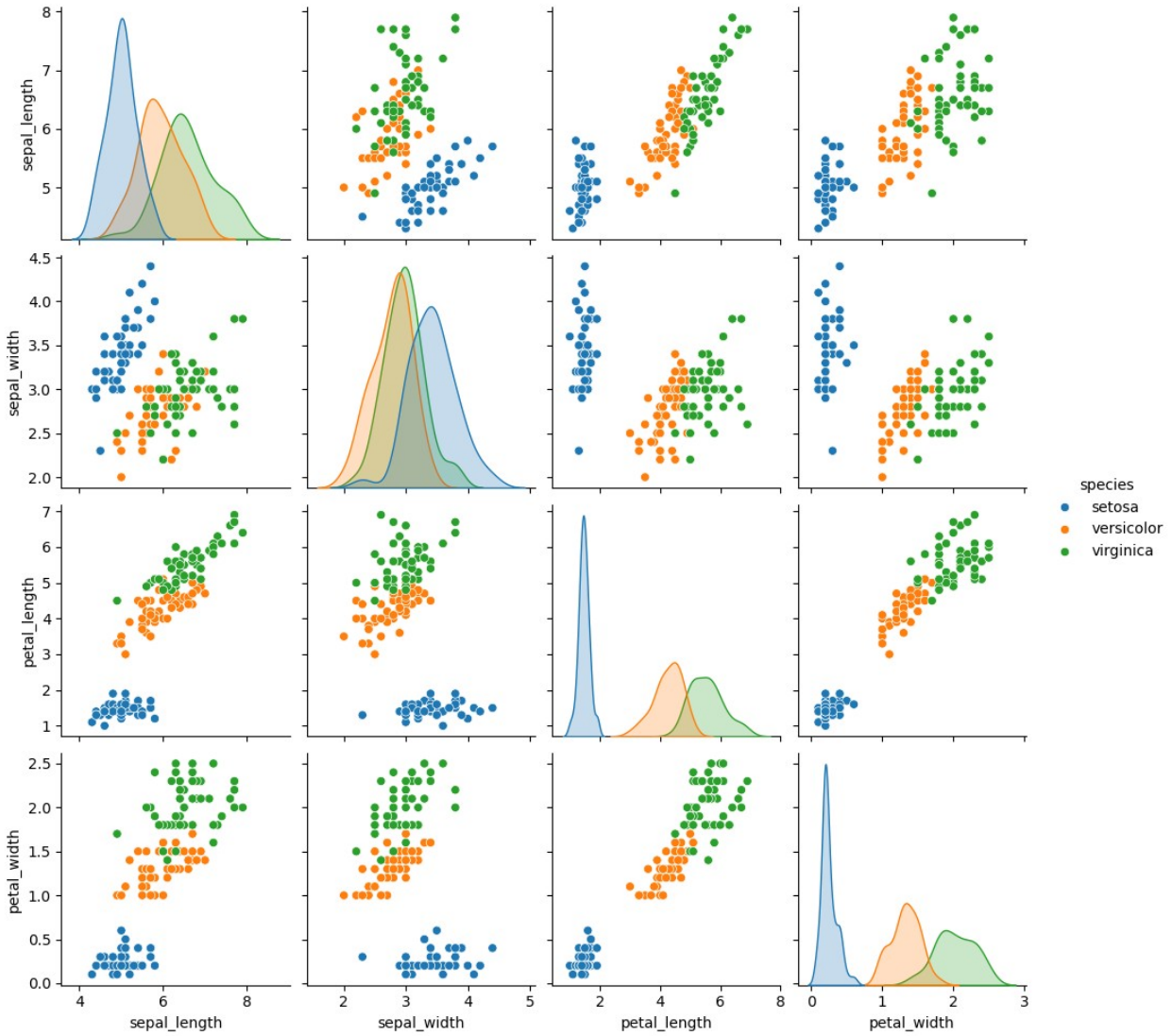

```
sns.lineplot(x='total_bill',y='tip',data=tips)
plt.title("Scatter Plot of Totle Bill vs.tip")
plt.xlabel("Total Bill")
plt.ylabel("Tip")
plt.show()
```



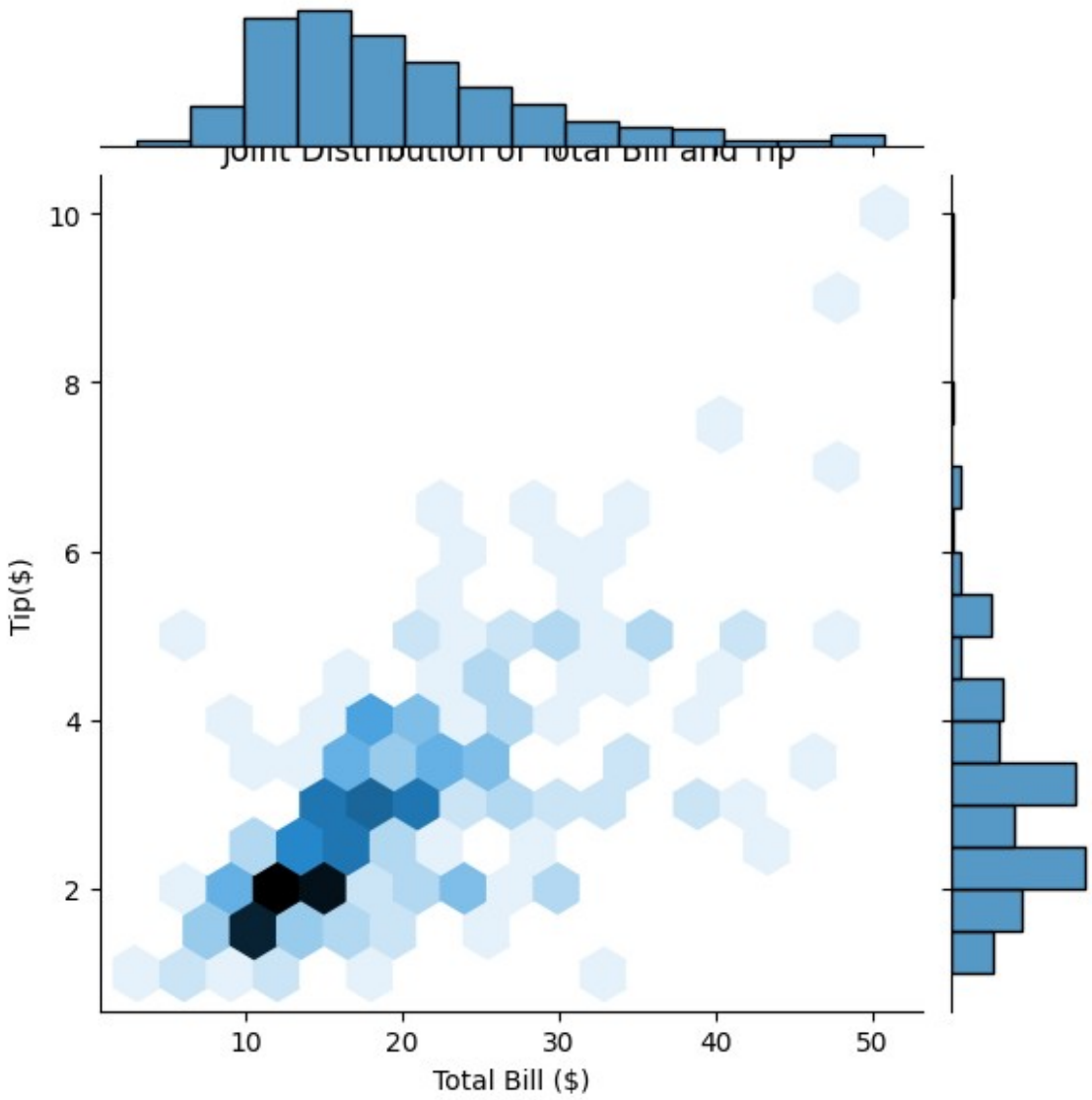

```
import seaborn as sns
import matplotlib.pyplot as plt

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")
plt.show()
```



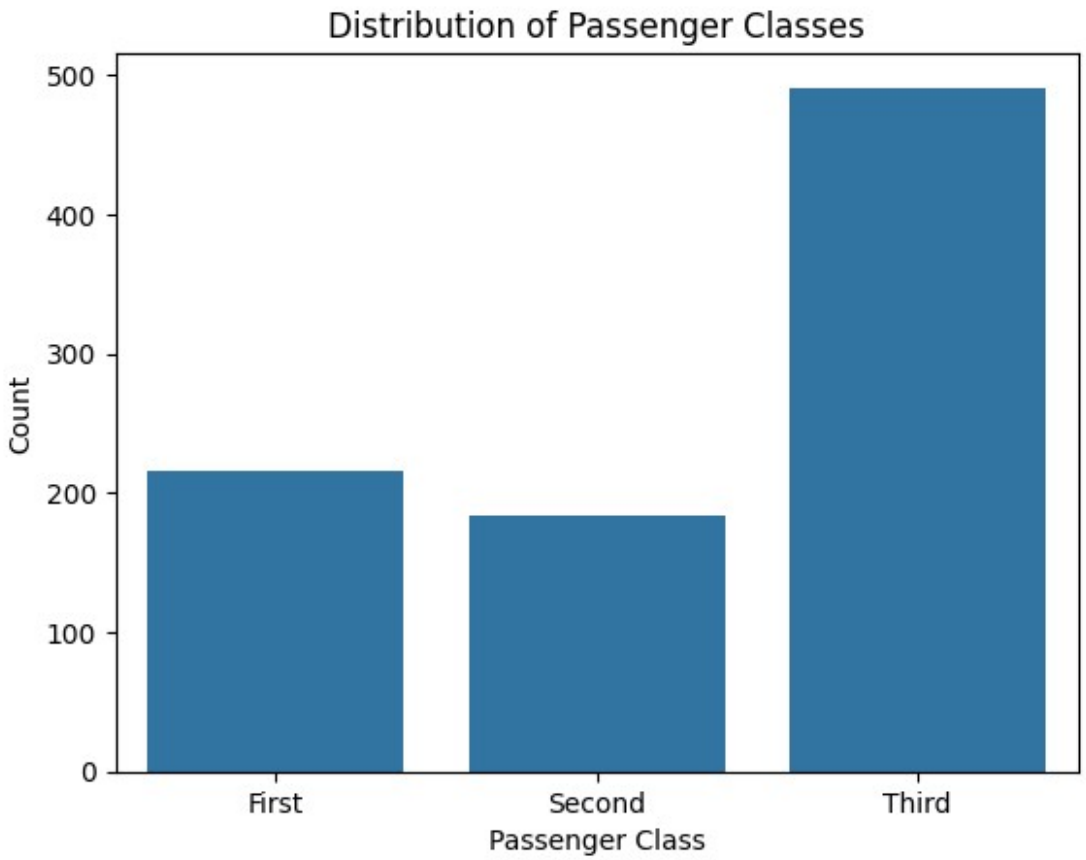

```
iris=sns.load_dataset('iris')
sns.pairplot(iris,hue='species')
plt.show()
```




```
tips=sns.load_dataset("tips")
sns.jointplot(x='total_bill',y='tip',data=tips,kind="hex")
plt.title("Joint Distribution of Total Bill and Tip")
plt.xlabel("Total Bill ($)")
plt.ylabel("Tip($)")
plt.show()
```




```
titanic=sns.load_dataset("titanic")
sns.countplot(x="class",data=titanic)
plt.title("Distribution of Passenger Classes")
plt.xlabel("Passenger Class")
plt.ylabel("Count")
plt.show()
```


Distribution of Passenger Classes
500
400
300
200
100
0
Count
First
Second
Third
Passenger Class