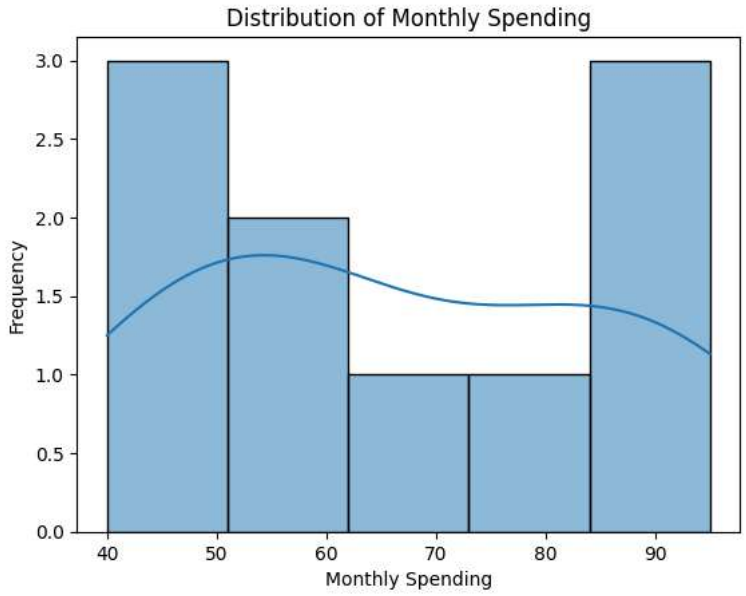
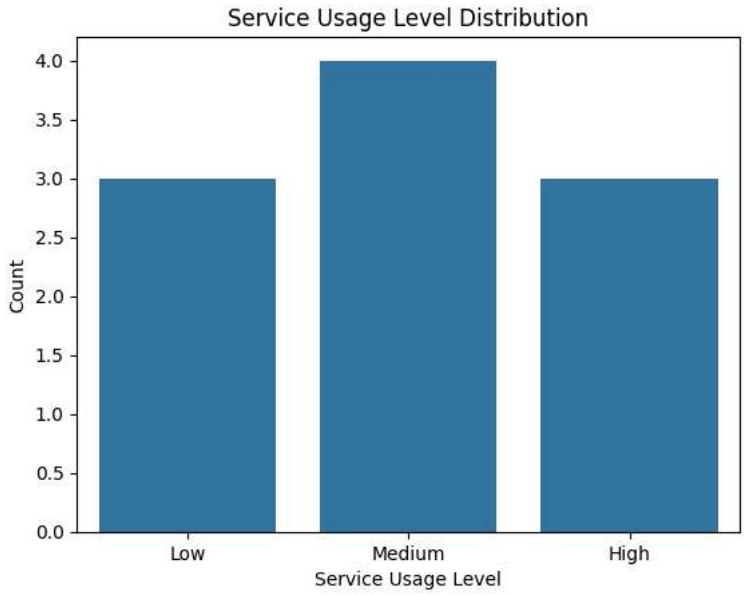
```
# Import libraries
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

# Create a sample customer dataset (survey-style)
data = {
    "Age": [25, 34, 45, 29, 52, 41, 38, 47, 31, 56],
    "Service_Usage_Level": ["Low", "Medium", "High", "Medium", "High", "Low", "Medium", "High", "Low", "Medium"],
    "Monthly_Spending": [40, 60, 80, 55, 90, 45, 65, 85, 50, 95]
}

df = pd.DataFrame(data)

# Save as CSV file
df.to_csv("customer_data.csv", index=False)

df
```

	Age	Service_Usage_Level	Monthly_Spending
0	25	Low	40
1	34	Medium	60
2	45	High	80
3	29	Medium	55
4	52	High	90
5	41	Low	45
6	38	Medium	65
7	47	High	85
8	31	Low	50
9	56	Medium	95

```
plt.figure()
sns.histplot(df["Monthly_Spending"], kde=True)
plt.title("Distribution of Monthly Spending")
plt.xlabel("Monthly Spending")
plt.ylabel("Frequency")
plt.show()
```



```
plt.figure()
sns.countplot(x=df["Service_Usage_Level"])
plt.title("Service Usage Level Distribution")
plt.xlabel("Service Usage Level")
plt.ylabel("Count")
plt.show()
```




```
plt.figure()
sns.boxplot(x=df["Service_Usage_Level"], y=df["Monthly_Spending"])
plt.title("Monthly Spending by Service Usage Level")
plt.show()
```