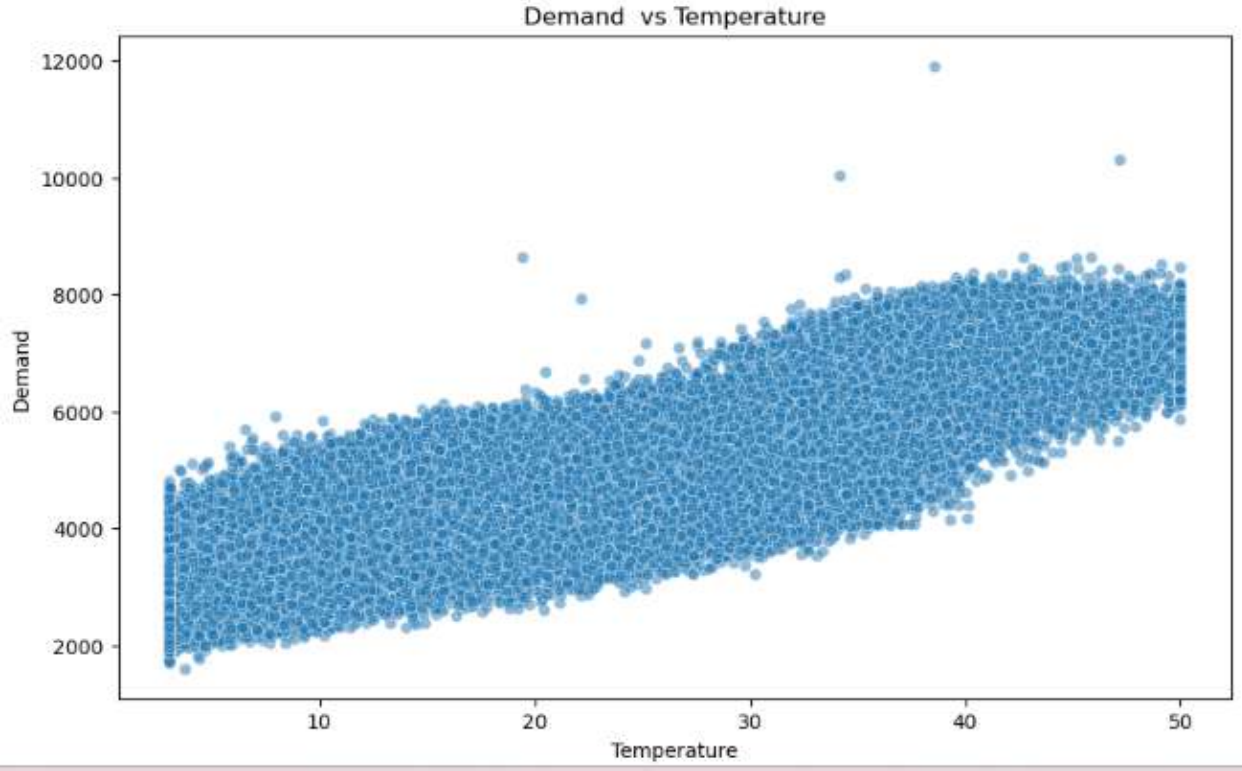
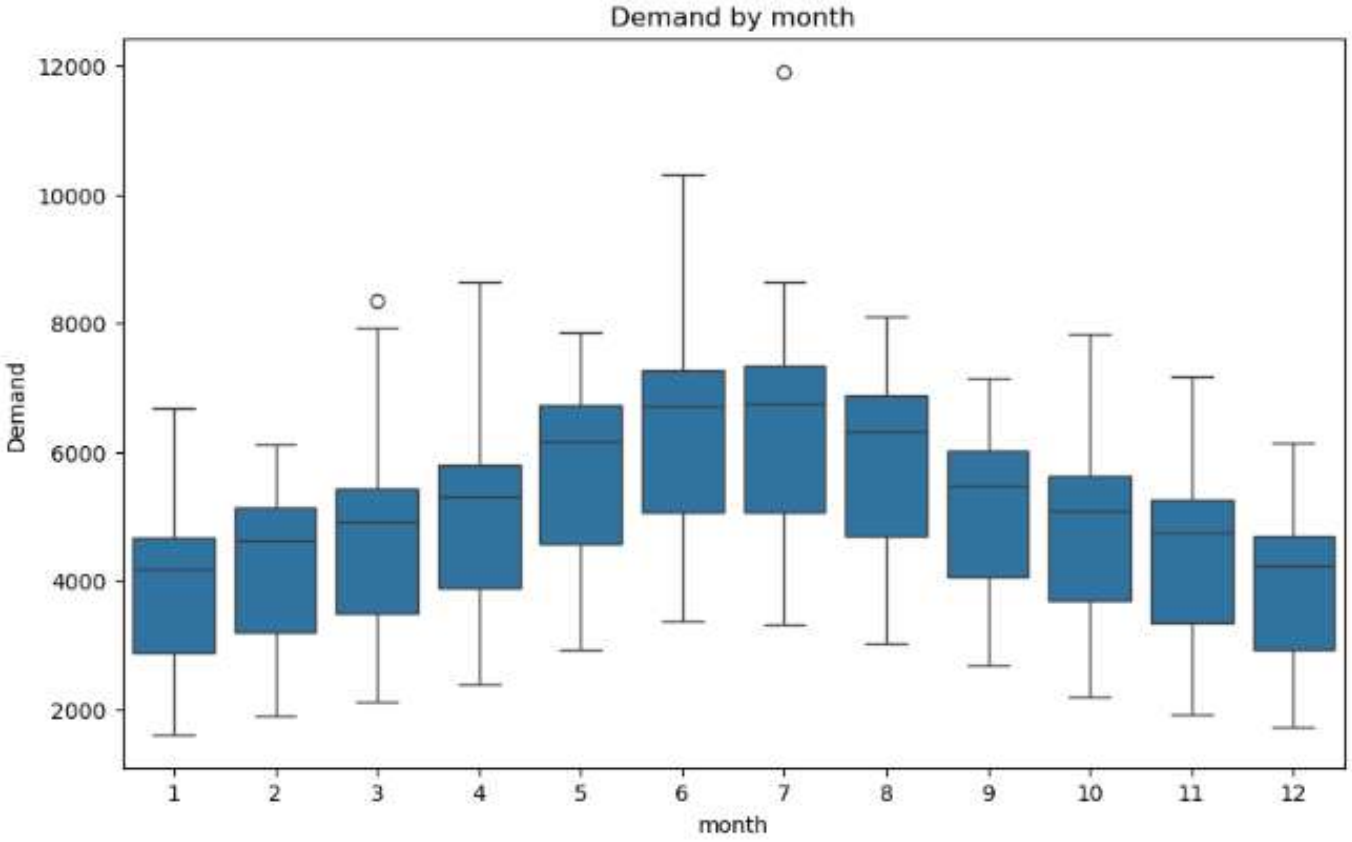
```
## scatter plot of demand vs Tempreture

plt.figure(figsize=(10,6))
sns.scatterplot(data=df,x='Temperature',y='Demand',alpha =0.5)
plt.title('Demand  vs Temperature')
plt.show()
```



```
## visualize demand by month

plt.figure(figsize=(10,6))
sns.boxplot(data=df,x= 'month', y='Demand')
plt.title('Demand by month')
plt.show()
```

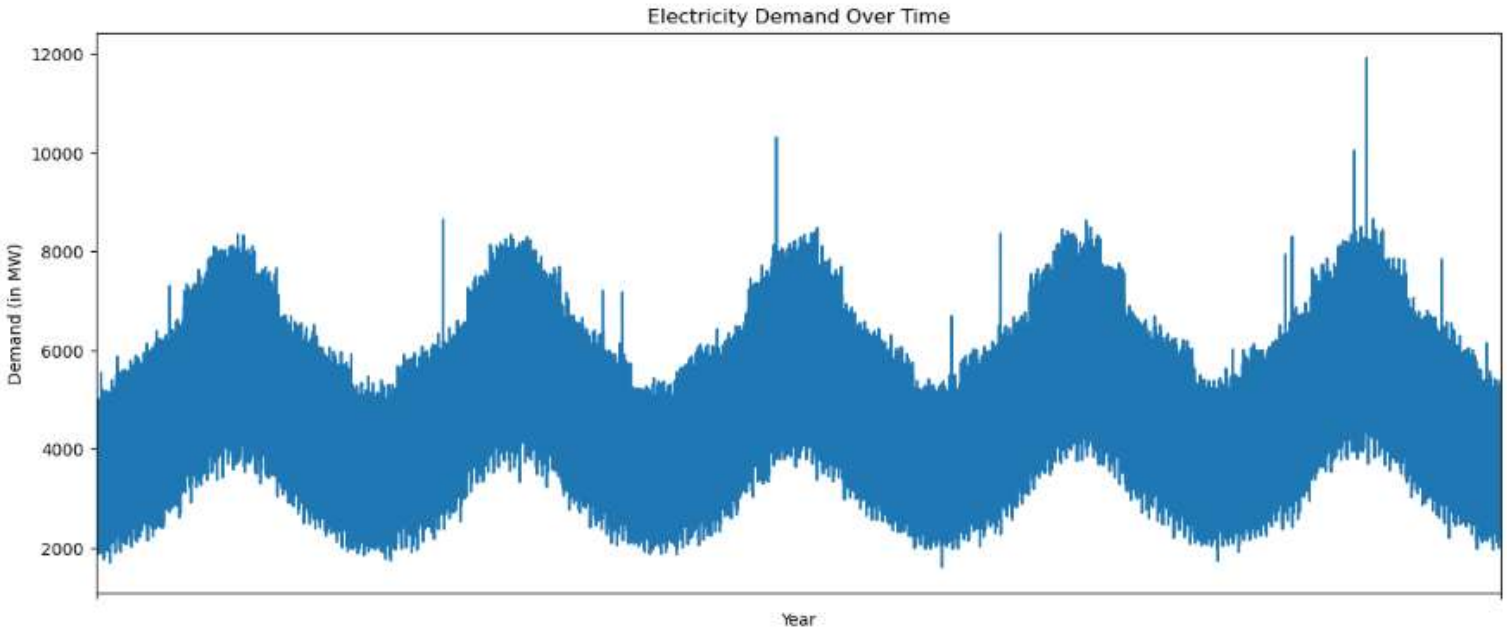


```
## plot row demand over time

import matplotlib.pyplot as plt

df['Demand'].plot(figsize=(15,6), title='Electricity Demand Over Time')
plt.xlabel("Year")
plt.ylabel("Demand (in MW)")


plt.show()
## yearly wise show demand
```



```
## visualize demand by hour of day

plt.figure(figsize=(10,6))
sns.boxplot(data=df, x='hour', y='Demand')
plt.title('Demand by Hour of the Day')
plt.show();
```