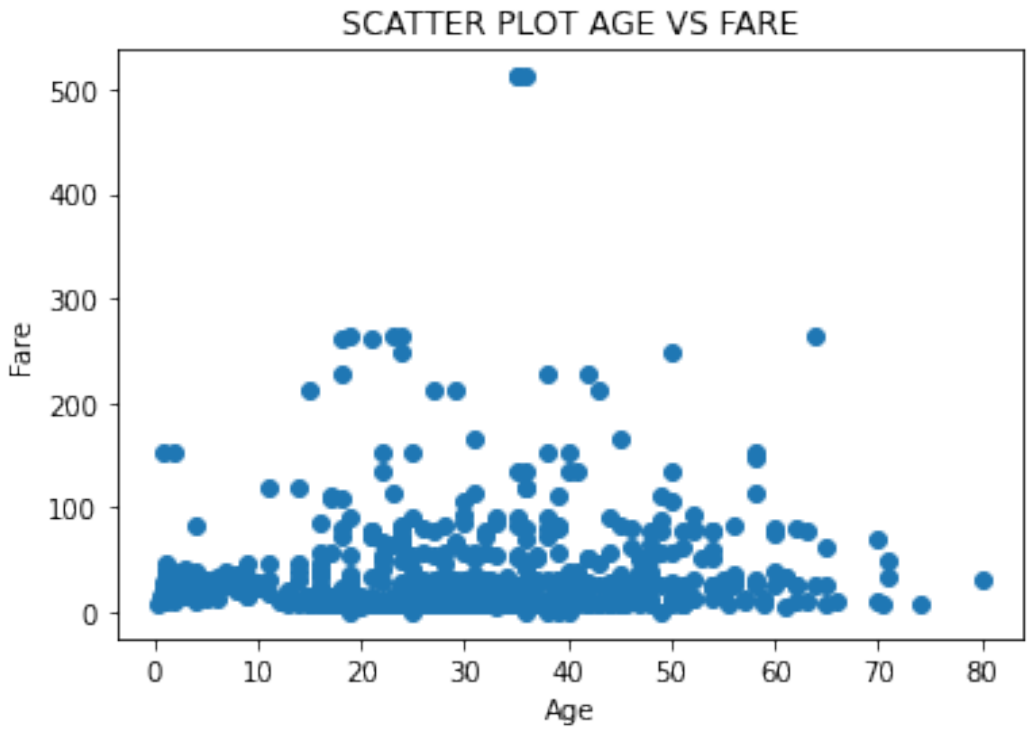
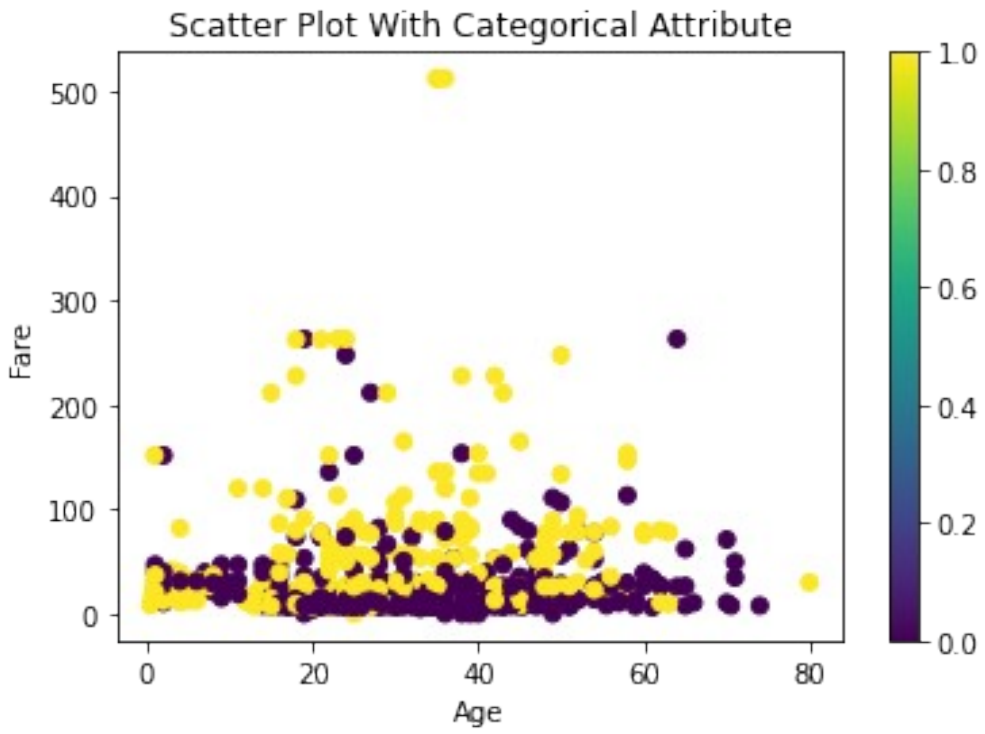
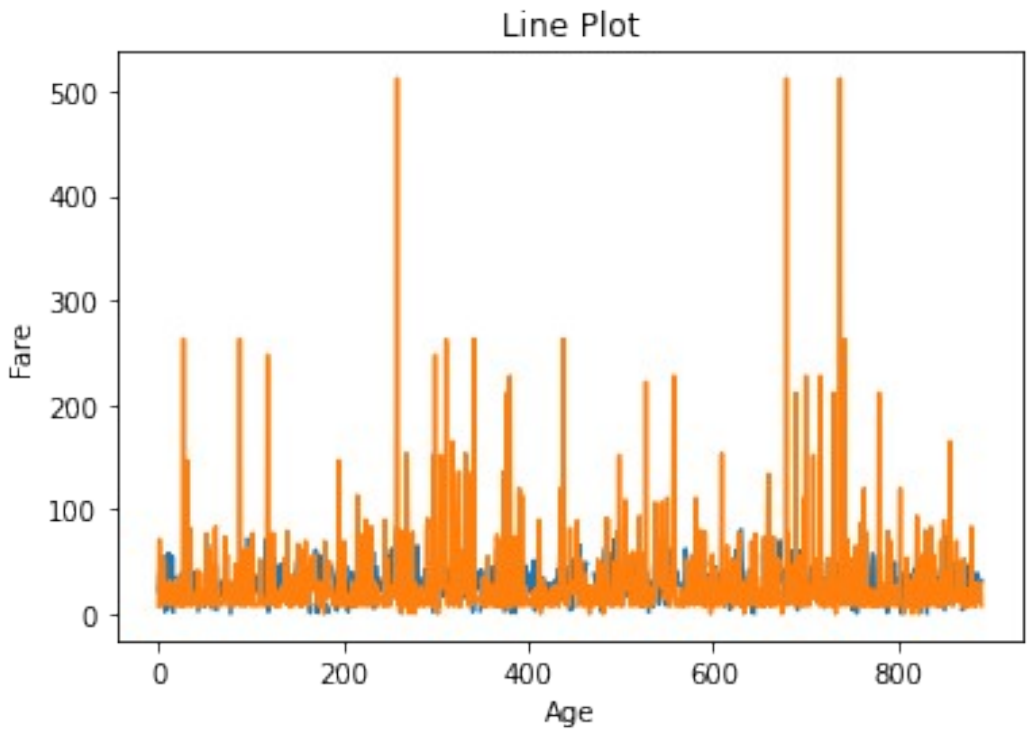
```
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt

titanic=pd.read_csv("/content/train.csv")

plt.scatter(titanic['Age'],titanic['Fare'])
plt.title("SCATTER PLOT AGE VS FARE")
plt.xlabel('Age')
plt.ylabel('Fare')
plt.show()
```



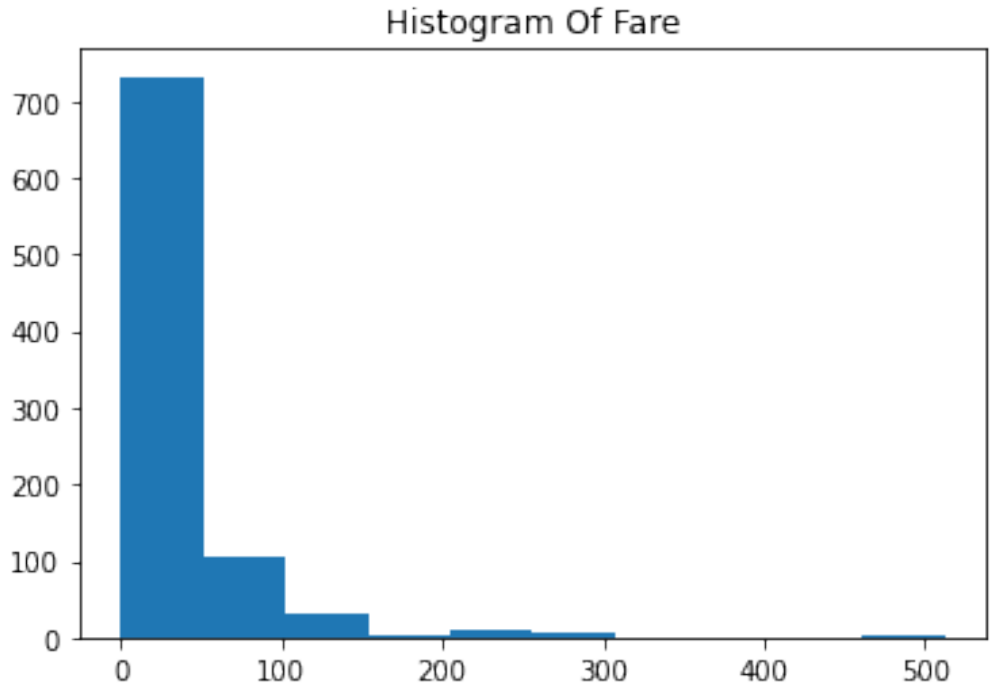

```
plt.scatter(titanic['Age'],titanic['Fare'],c=titanic['Survived'])
plt.title("Scatter Plot With Categorical Attribute")
plt.xlabel('Age')
plt.ylabel('Fare')
plt.colorbar()
plt.show()
```



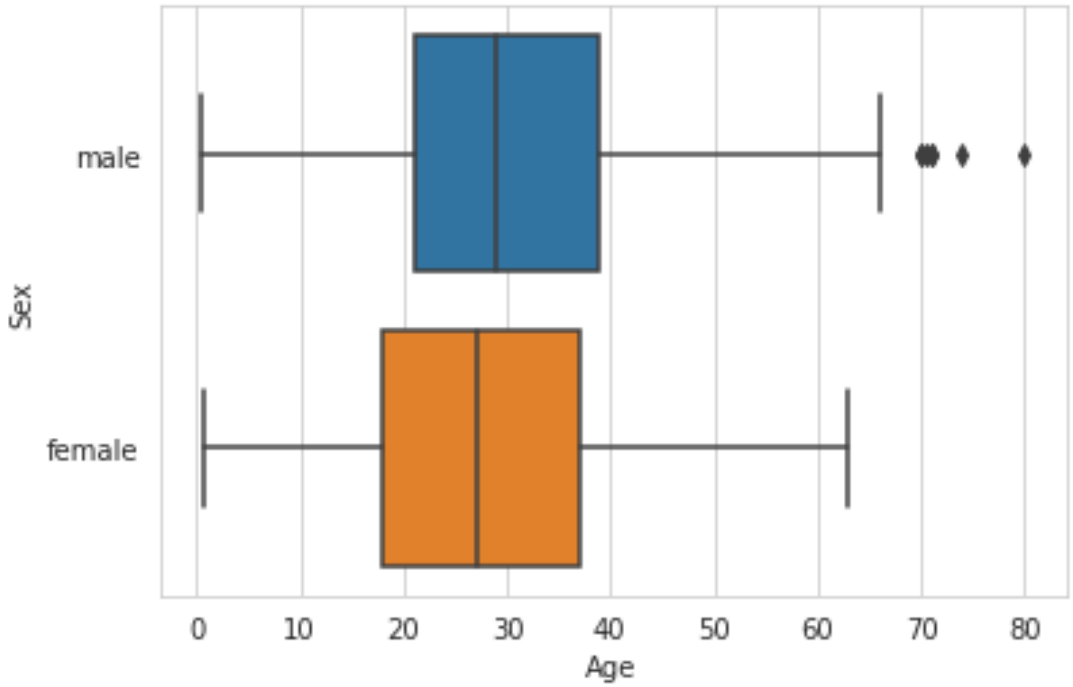

```
plt.plot(titanic['Age'])
plt.plot(titanic['Fare'])
plt.title("Line Plot")
plt.xlabel('Age')
plt.ylabel('Fare')
plt.show()
```




```
plt.hist(titanic['Fare'])
plt.title("Histogram Of Fare")
plt.show()
```




```
sns.set_style('whitegrid')
ax= sns.boxplot(x='Age',y='Sex',data=titanic)
```




```
pd.crosstab(titanic['Sex'], titanic['Survived']).plot(kind='bar',
stacked=True)
```

```
<matplotlib.axes._subplots.AxesSubplot at 0x7fb1e17c2690>
```