

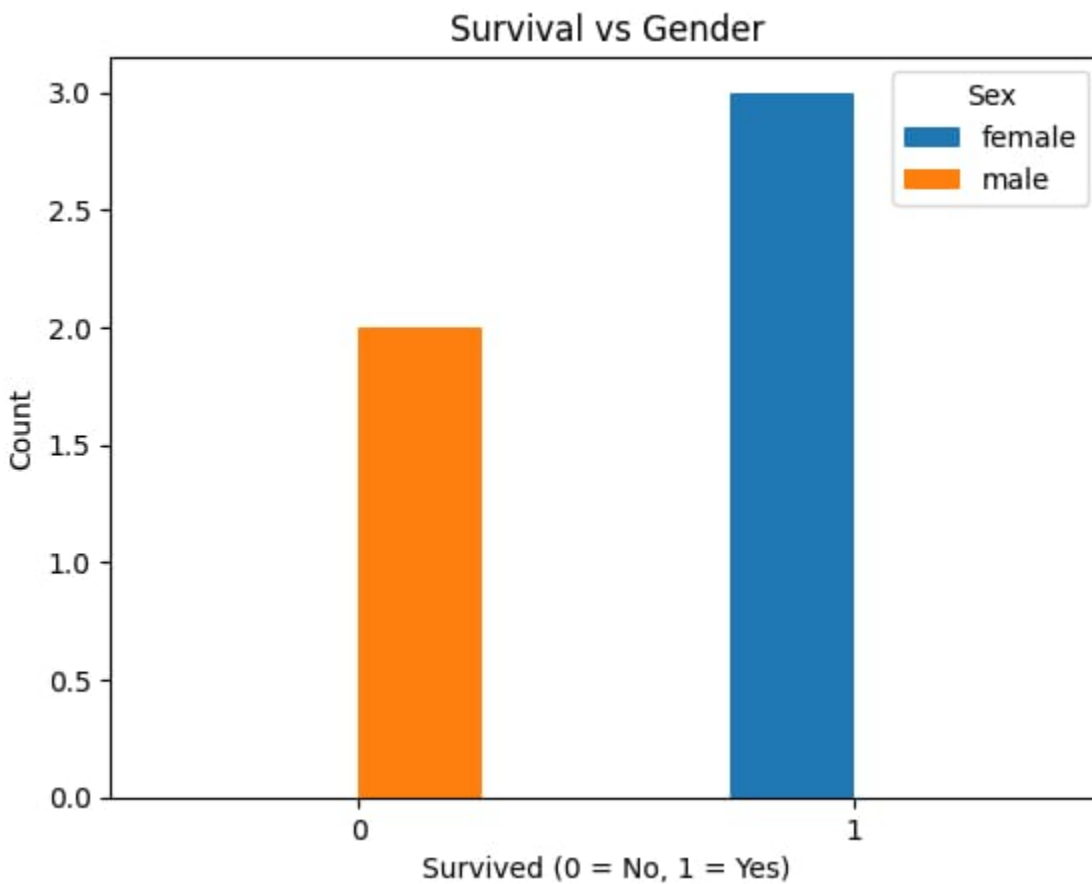
2 Exploratory Data Analysis:-

```
import seaborn as sns
```

```
import matplotlib.pyplot as plt
```

```
sns.countplot(x='Survived', hue='Sex', data=df)plt.title("Survival vs Gender")
```

```
plt.show()
```



X-axis: Survived

0 - Did not survive

1-Survive

Y-axis: Count of passengers

Split by Gender (male / female)

Females have a **higher survival rate** than males