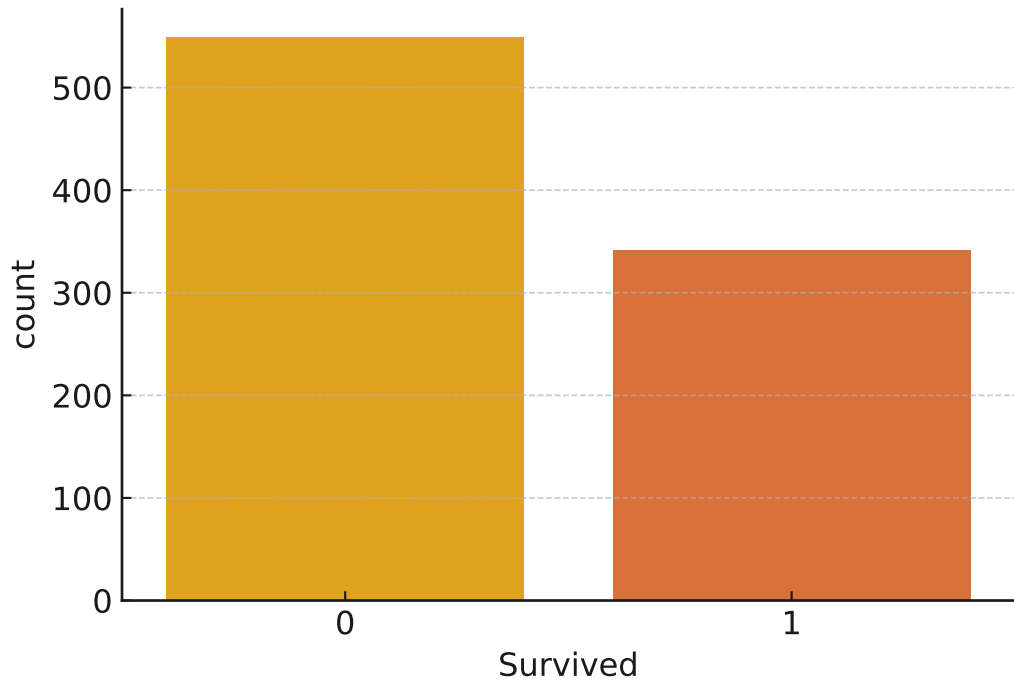
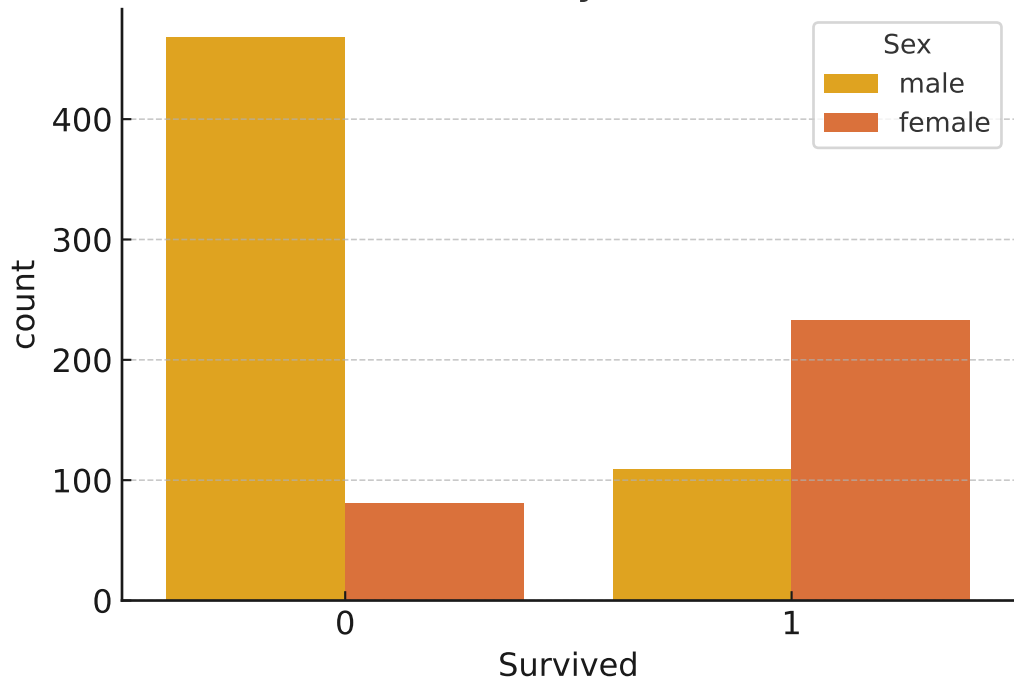


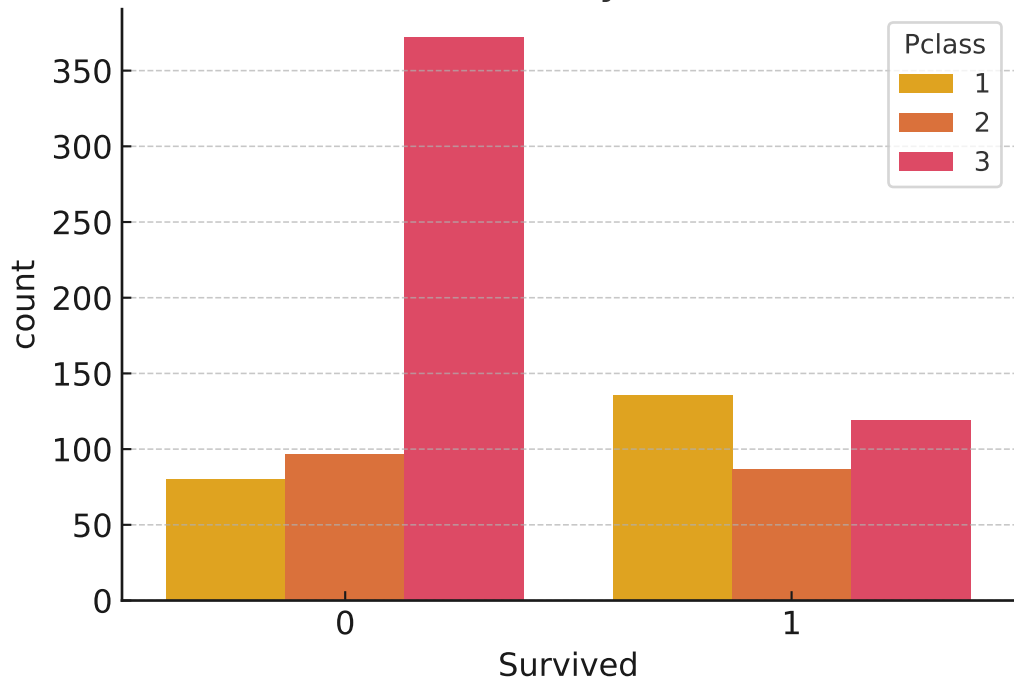
Survival Count



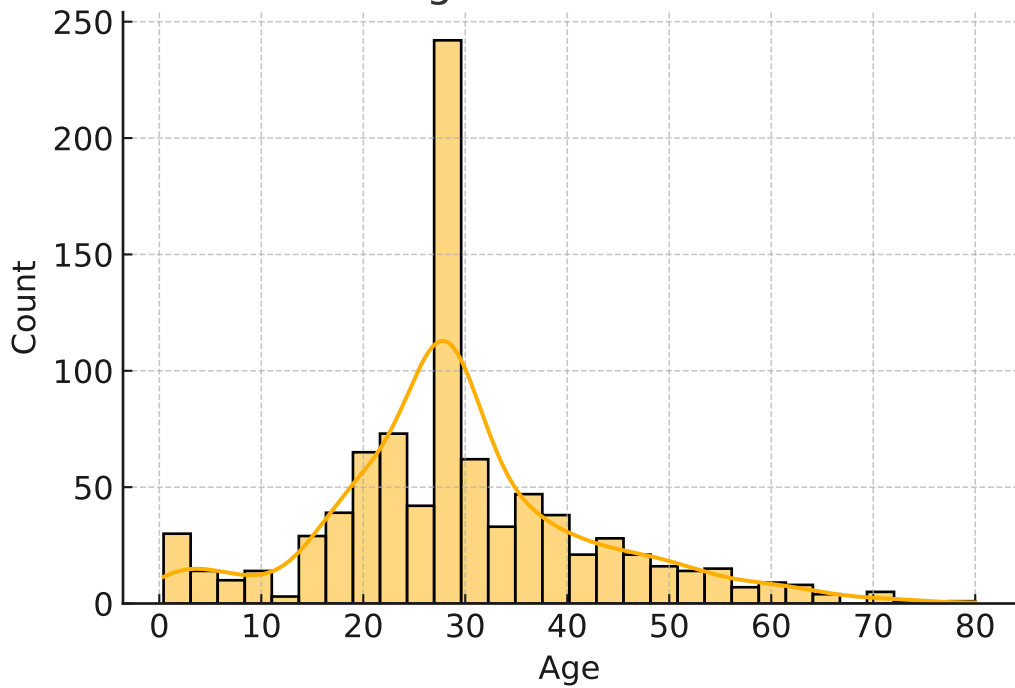
Survival by Gender



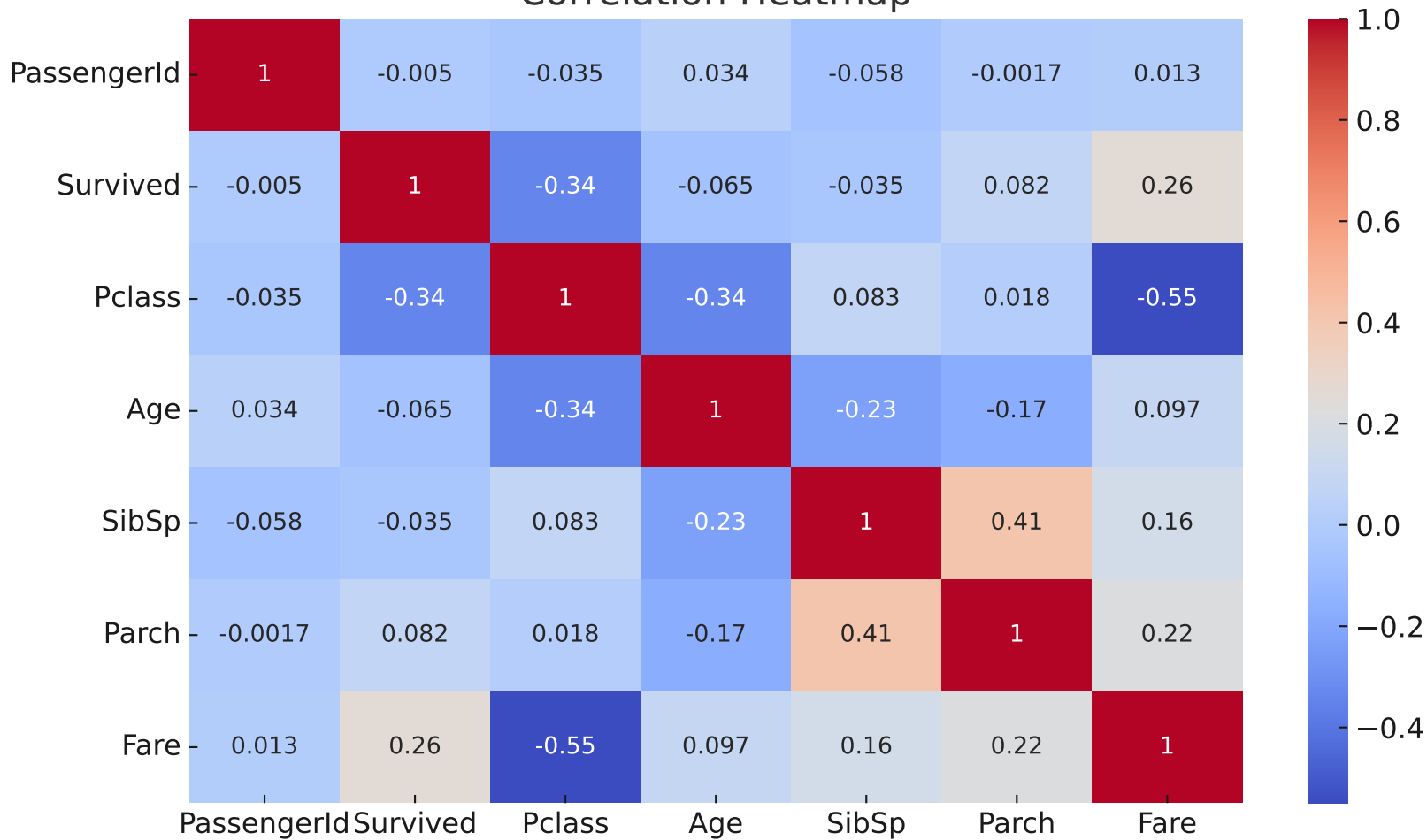
Survival by Class



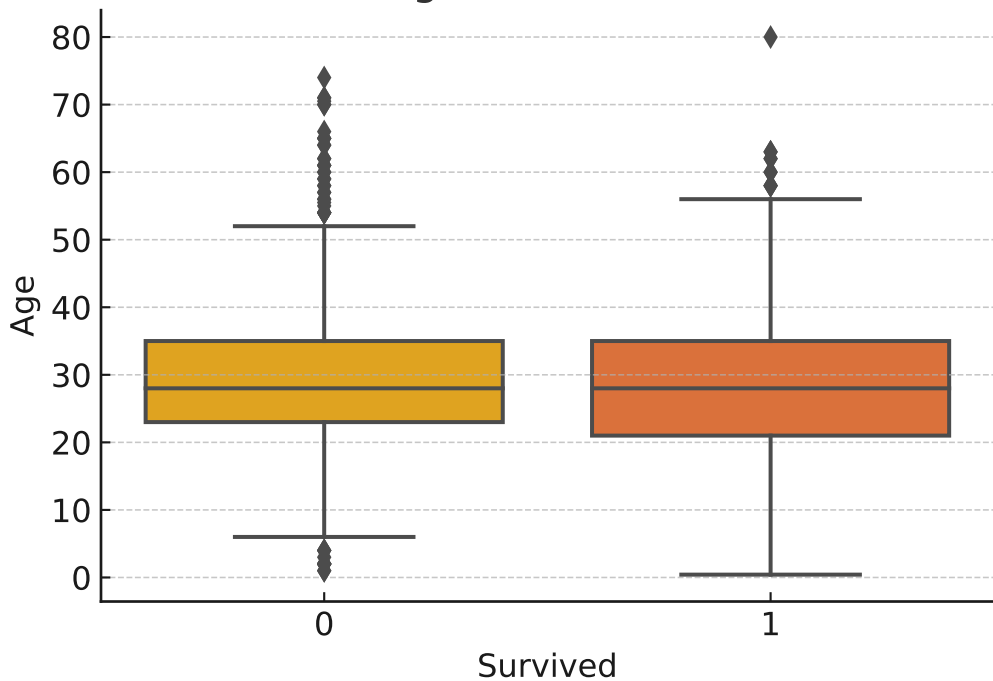
Age Distribution



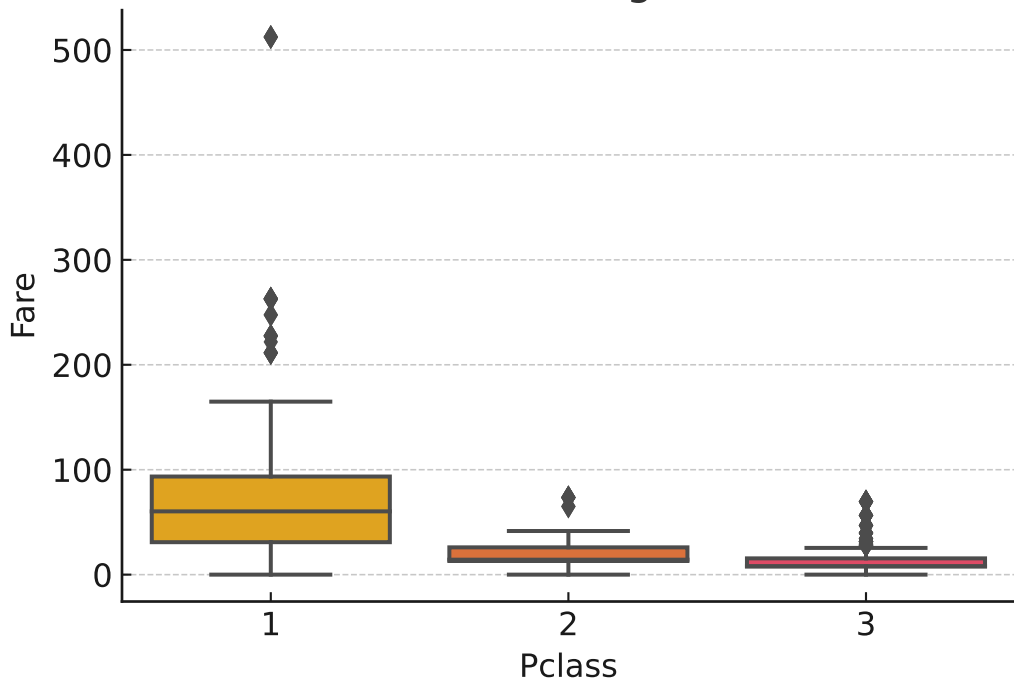
Correlation Heatmap



Age vs Survival



Fare vs Passenger Class



Titanic Dataset EDA Summary:

1. Women had a higher survival rate than men.
2. First class passengers were more likely to survive.
3. Younger passengers (especially children) had better chances of survival.
4. Cabin column was dropped due to excessive missing values.
5. Age missing values filled with median.
6. Embarked missing values filled with mode.
7. Correlation heatmap shows that Pclass, Sex, and Fare impact survival.

Prepared using Python, Pandas, Seaborn, and Matplotlib.