

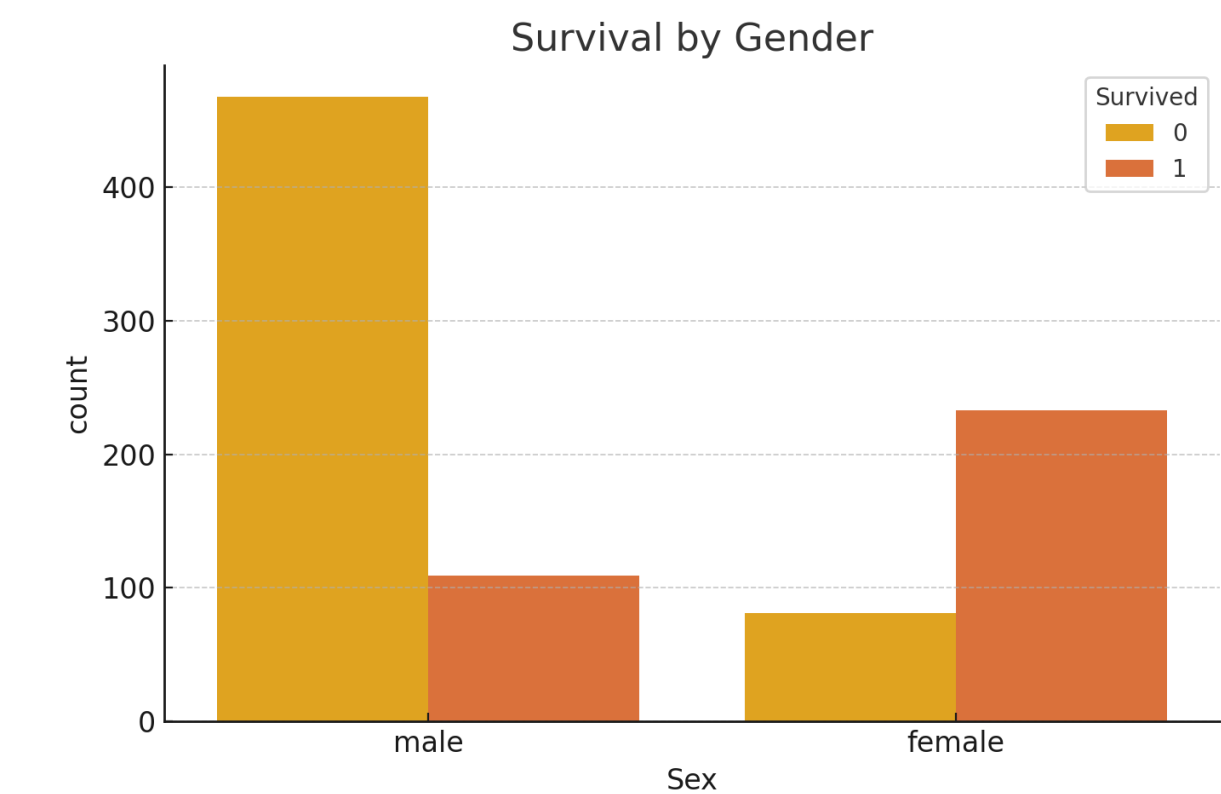
Exploratory Data Analysis Report: Titanic Dataset

This report summarizes the key insights from the Titanic dataset after performing Exploratory Data Analysis (EDA) using Python. Visualizations were used to support findings.

Key Findings

- 1. Women had a much higher survival rate (~74%).
- 2. 1st class passengers had better chances of survival than those in 3rd class.
- 3. Passengers who paid higher fares had higher survival rates.
- 4. Age distribution shows many survivors were in their 20s and 30s.
- 5. Missing values were primarily in Age, Cabin, and Embarked columns.
- 6. FamilySize shows passengers with 1-3 relatives had better survival odds.

Sample Visualizations



Survival by Passenger Class

