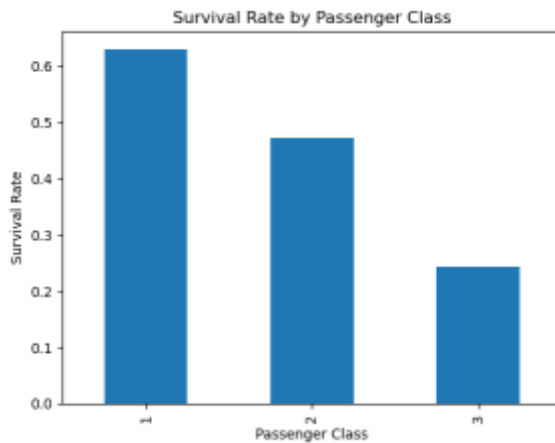


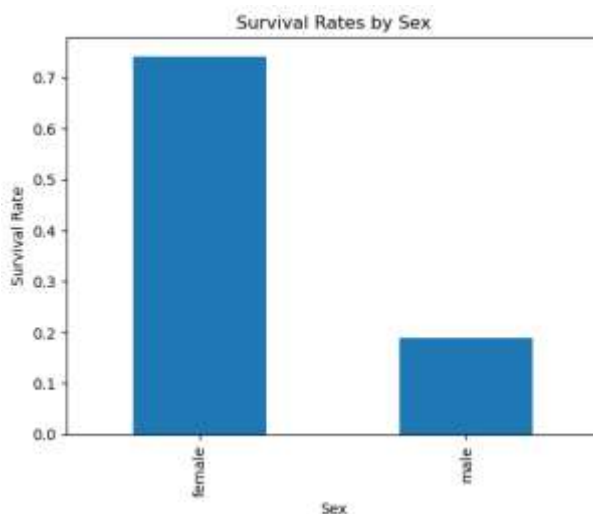
## Summary Statistic for Titanic Dataset

### 1. Analysis for survival rate by passenger class



Based on the bar chart, it can be observed that the survival rate is significantly associated with the passenger class. The graph shows that first class passengers have a higher survival rate compared to second and third class passengers. Similarly, second class passengers have a higher survival rate than third class passengers. This trend may be indicative of the availability of better facilities and services in higher class accommodations, which could have contributed to the higher survival rates among these passengers.

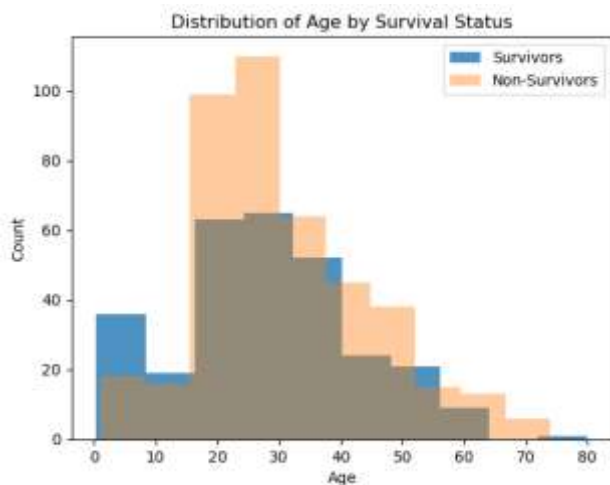
### 2. Analysis for survival rate by gender



Based on the bar chart, it appears that there is a strong association between gender and survival rate. The graph shows that females have a higher survival rate compared to males.

This suggests that gender was a key factor in determining who was prioritized for rescue. It is possible that females were given priority during the evacuation process, which may have contributed to their higher survival rate.

### 3. Analysis for distribution of age by survival status



Based on the bar chart, there is no association between age and survival rate.