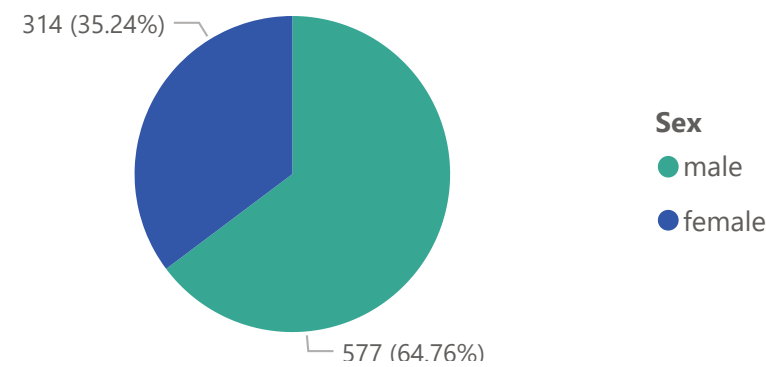


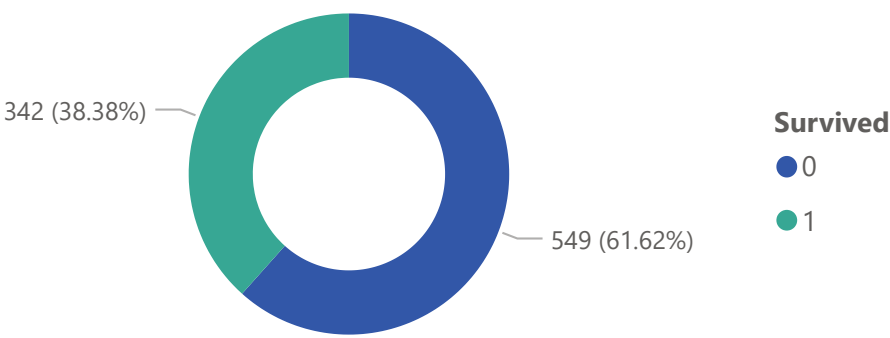
EXPLORATORY DATA ANALYSIS OF TITANIC DATASET

Proportion of male and female passengers



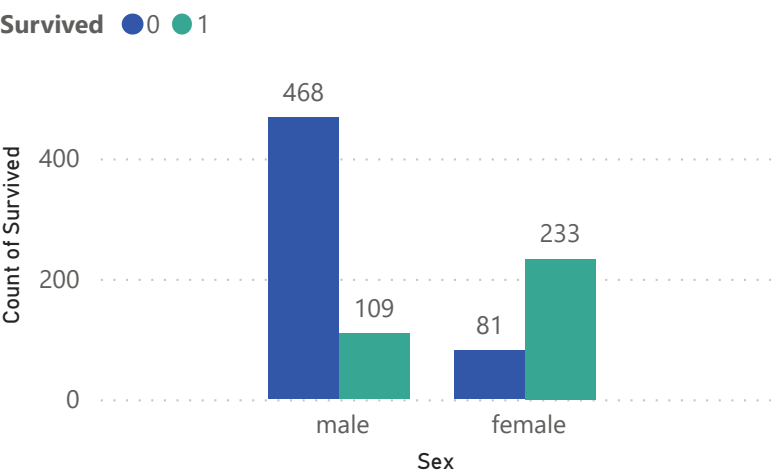
PROPORTION OF MALE AND FEMALE PASSENGERS:The male proportion was higher than the female proportion among the Titanic passengers.

Proportion of fatality



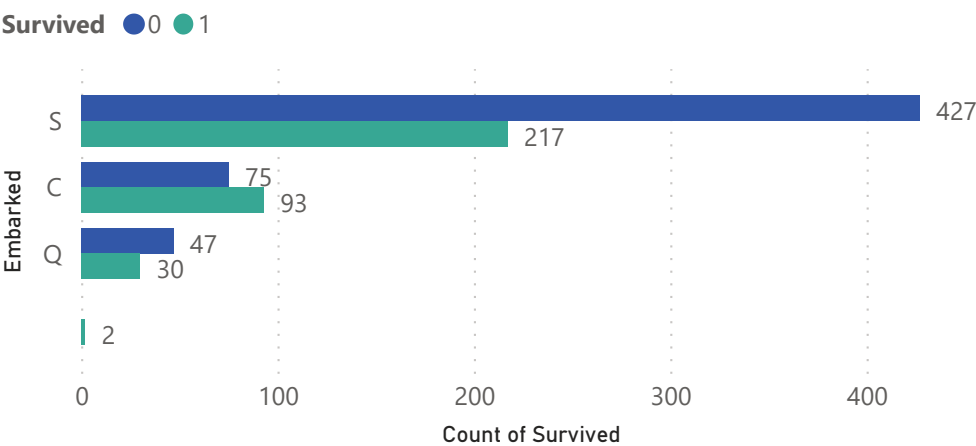
PROPORTION OF PASSENGERS WHO SURVIVED:Only about 1/4 th of the population survived the tragedy.It can be inferred that the accident was one of the deadliest in the history.

Proportion of fatality based on sex



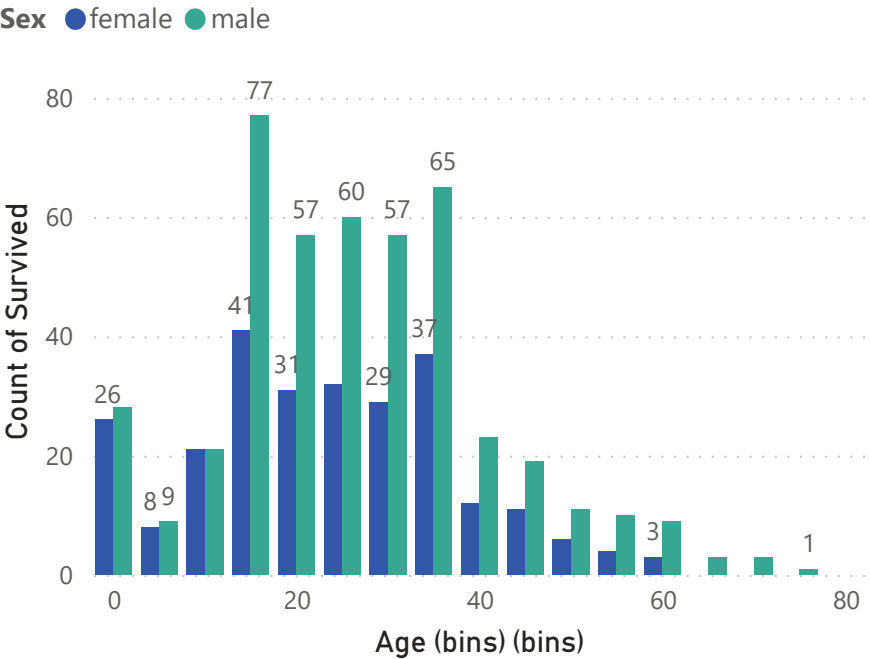
COUNT OF SURVIVED AND DEAD PEOPLE BASED ON SEX:The fatality rate is significantly large among the male passengers when compared to the female passengers.

Proportion of fatality based on ports of embarkation



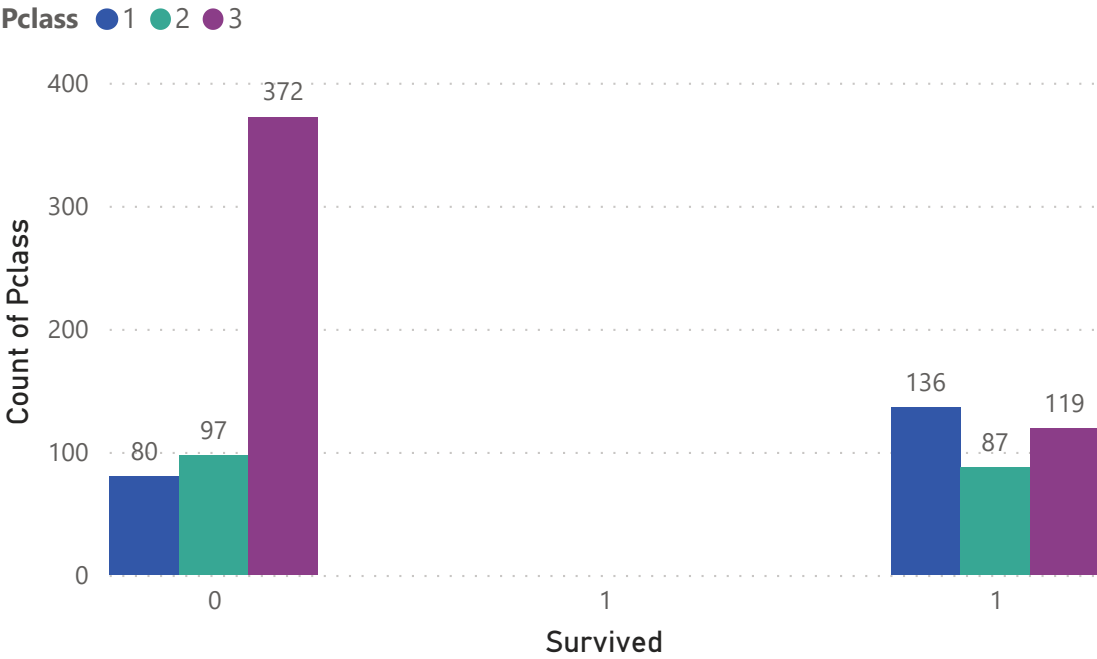
COUNT OF SURVIVED AND DEAD PEOPLE BASED ON PORT OF EMBARKATION:Passengers who got onboarded from Southampton were the worst affected.Their fatality rate is highest when compared to the other passengers.

Count of people by age and sex



COUNT OF PEOPLE BY AGE AND SEX: The majority of the population comprised of men in the age group 20-40. During 1910's ,number of women ship travellers were found to be very less.

Count of passengers by class and status of survival



COUNT OF PEOPLE BY PASSENGER CLASS :Majorityof the died passengers travelled in the third class while majority of the survived passengers travelled in the first class.It can be concluded that safety measures are more strictly followed in the first class than in the other two classes.