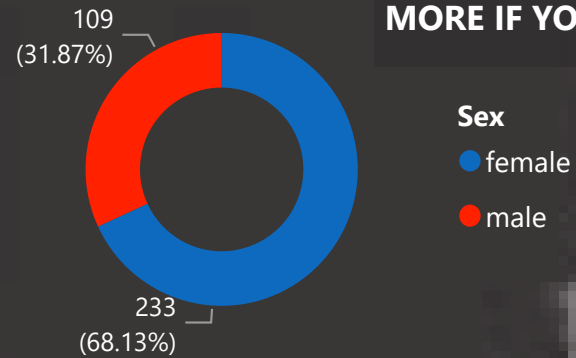


EDA ON TITANIC

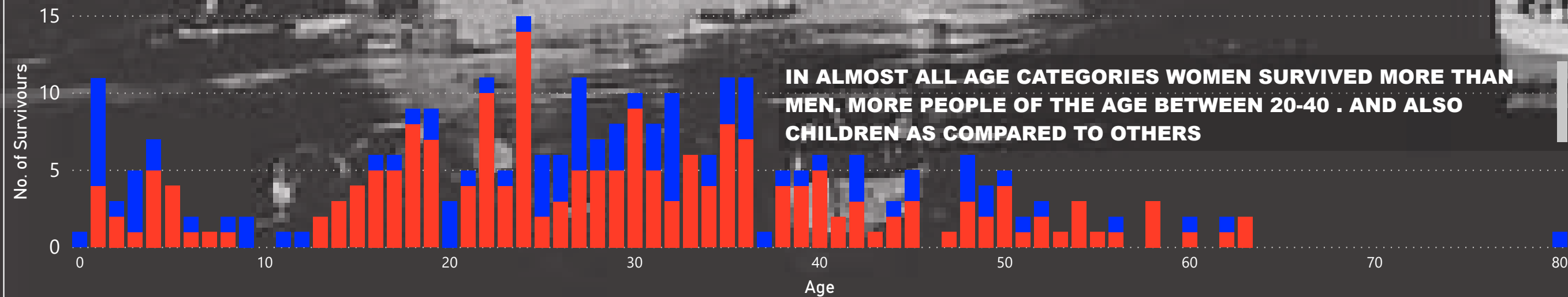
Graph of Survivors by sex



THE PROBABILITY TO SURVIVE THE TITANIC IS 40% MORE IF YOU WERE A FEMALE

No. of Survivors by Age and Sex

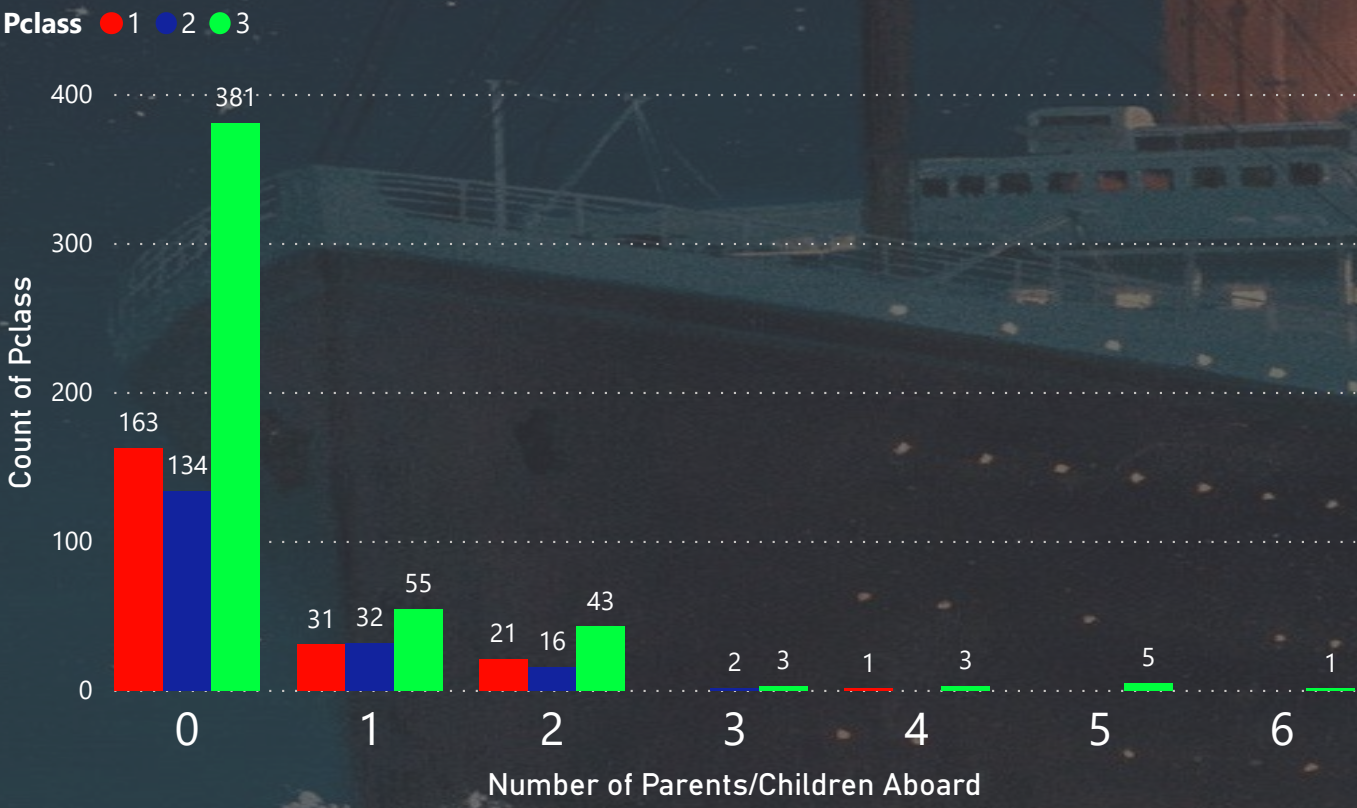
Sex ● female ● male



Fare cost comparison based on Passenger class

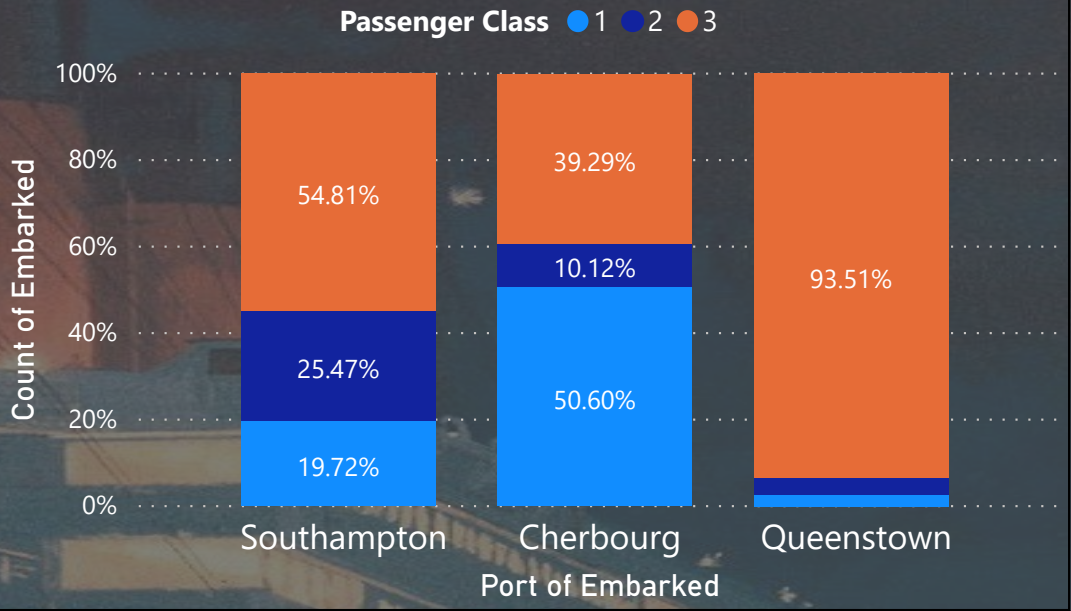
Passanger class	Median of Fare	Average of Fare	Min of Fare	Max of Fare
1	60.29	84.15	0.00	512.33
2	14.25	20.66	0.00	73.50
3	8.05	13.68	0.00	69.55
Total	14.45	32.20	0.00	512.33

Count of Passenger class by Number of Parents/Children Aboard

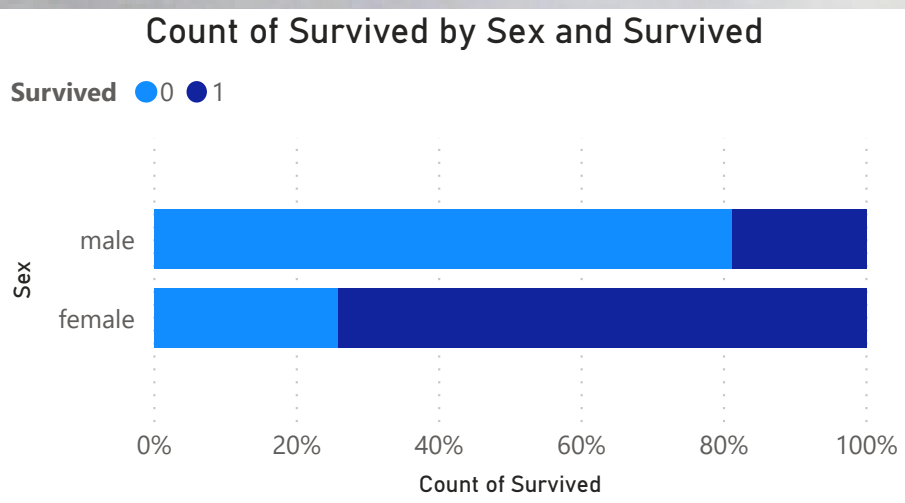


clearly singles dominated the population aboard titanic. Third class passengers were the highest in number because of the difference in fare

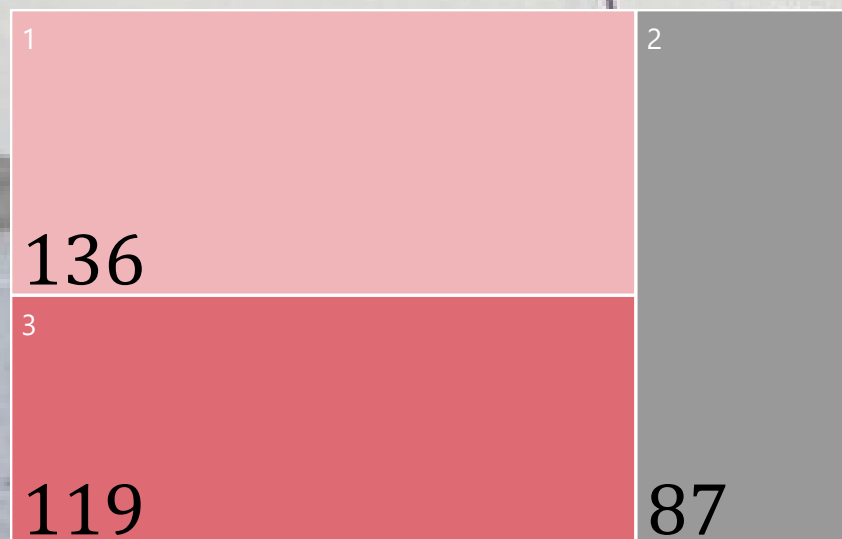
Count of Embarked by Port of Embarked and Pclass



The passenger boarding numbers from different ports of London(Southampton), France(Cherbourg) and Australia(Queenstown) clearly reflect on their economies at that time hence most first class passengers(50.60%) being from London followed by France(19.72%) and Australia(1.43%).

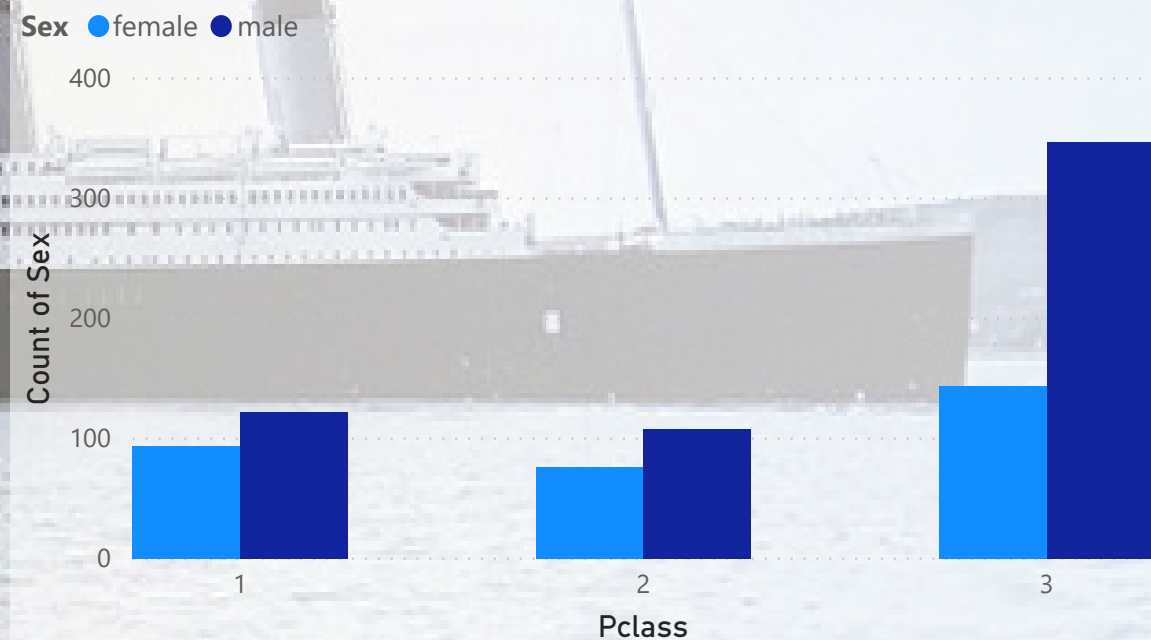


Number of Survivors from different Passenger Classes



FIRST CLASS PASSENGERS SURVIVED MORE COMPARED TO OTHER CLASSES. LIVES OF UPPER CLASS PEOPLE WERE MORE CONCERN

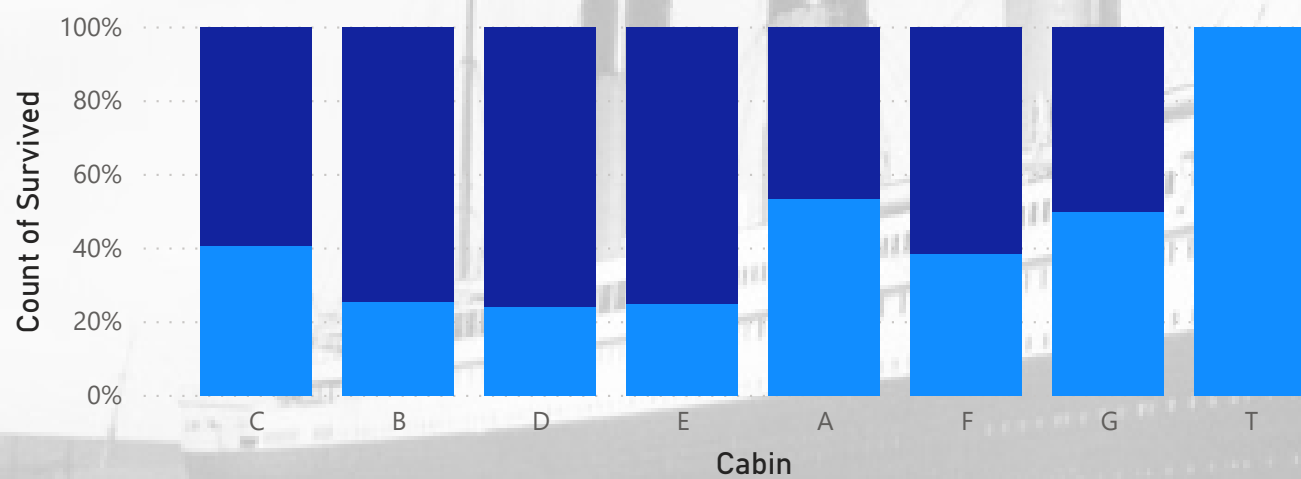
Count of Sex by Pclass and Sex



COMPARATIVELY THERE ARE MORE MALES DOMINATED IN ALL THE CLASS.

Count of Survived by Cabin and Survived

Survived ● 0 ● 1



The chances of a person surviving is more if they are in cabin A or T

Count of Survived by Sex and Survived

Survived ● 0 ● 1

