A TITANIC SURVIVAL DASHBOARD

DuckDB
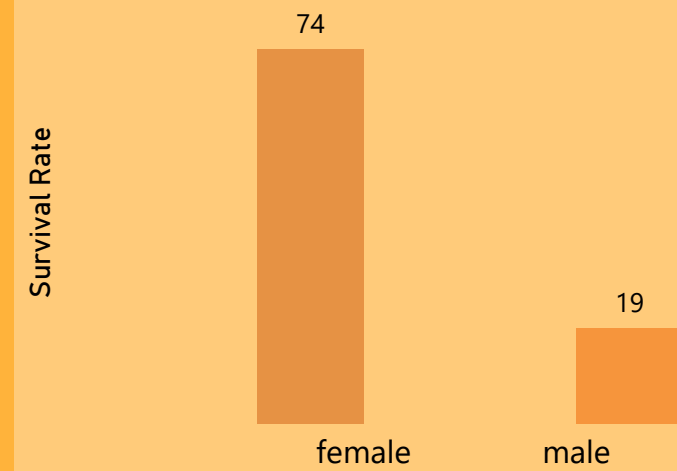
Family ...
All

Age
All

Embark...
All

Survival Based On Fare Analysis

Fare Bin	Survival Rate
1	20.51
2	19.08
3	36.69
4	43.62
5	41.78
6	69.80
Total	**38.38**

Survival Rate Based On Sex

female: 74, male: 19

Survival Rate Based On Age Group

Children: 54, Adult: 41, Young_Adult: 35, Unknown: 29
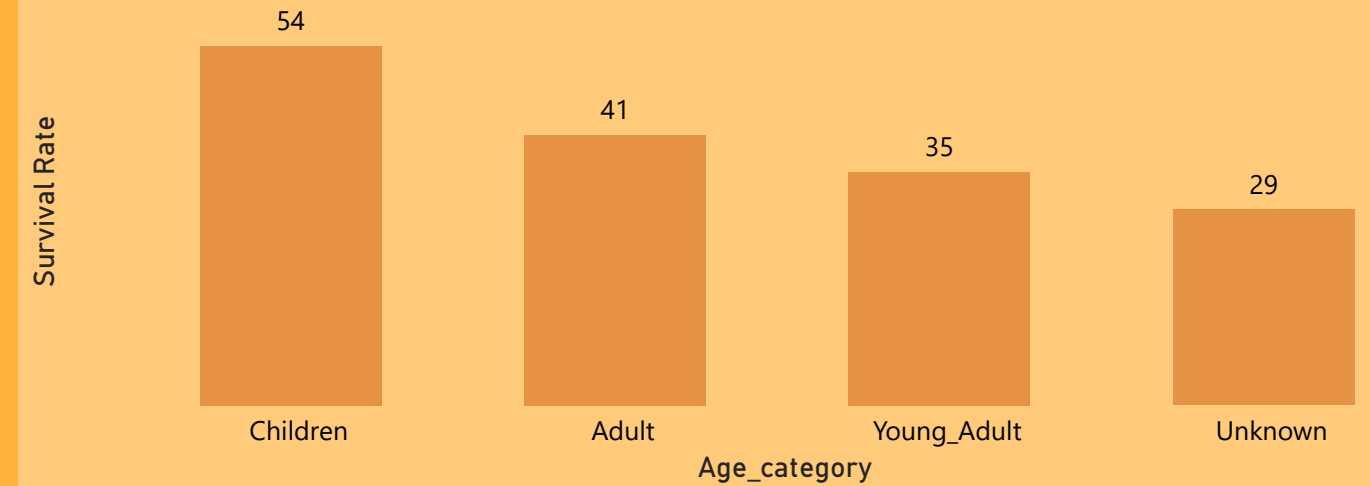
Survival Rate Based On Binary Feature

Adultmen 23, Women 77, Children 69
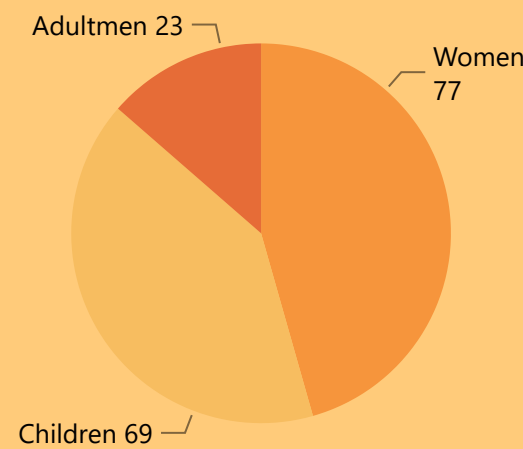
Survival Rate Based On Passenger Title

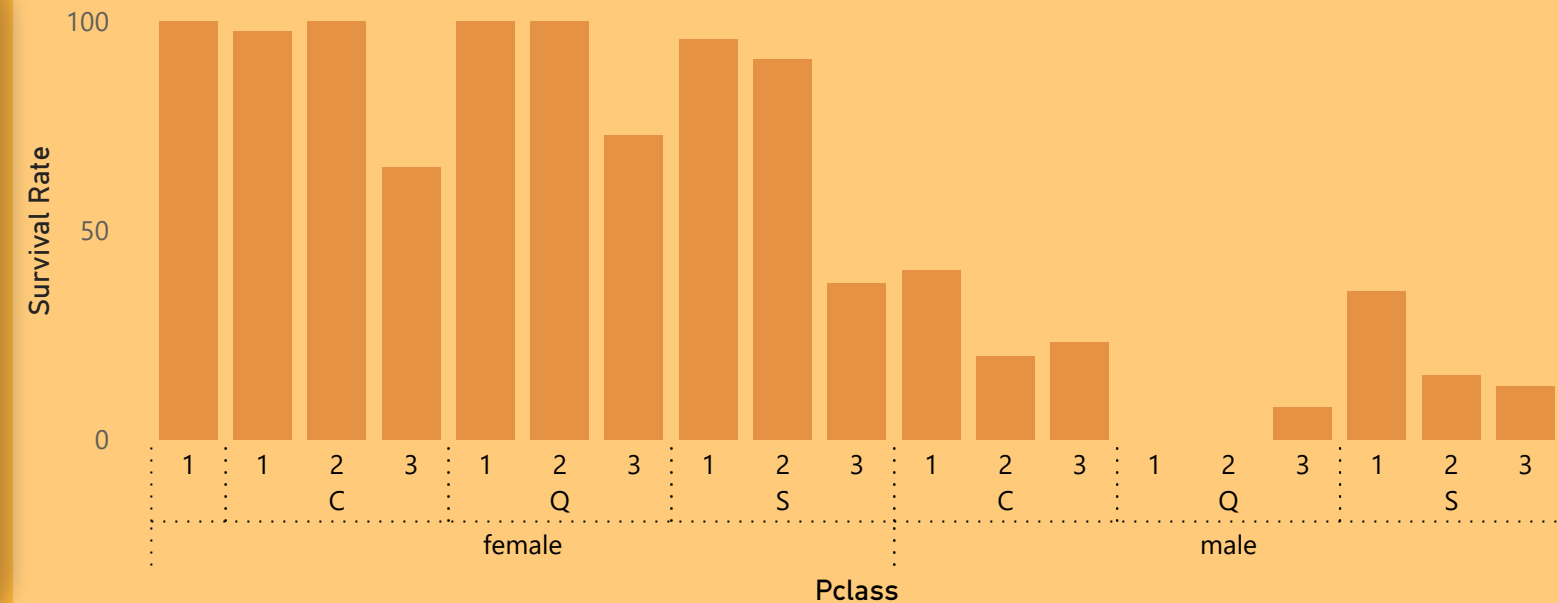| Extracted_Title	Survival Rate
Ms	100
Mrs	79
Miss	70
Master	58
Others	42
Mr	16
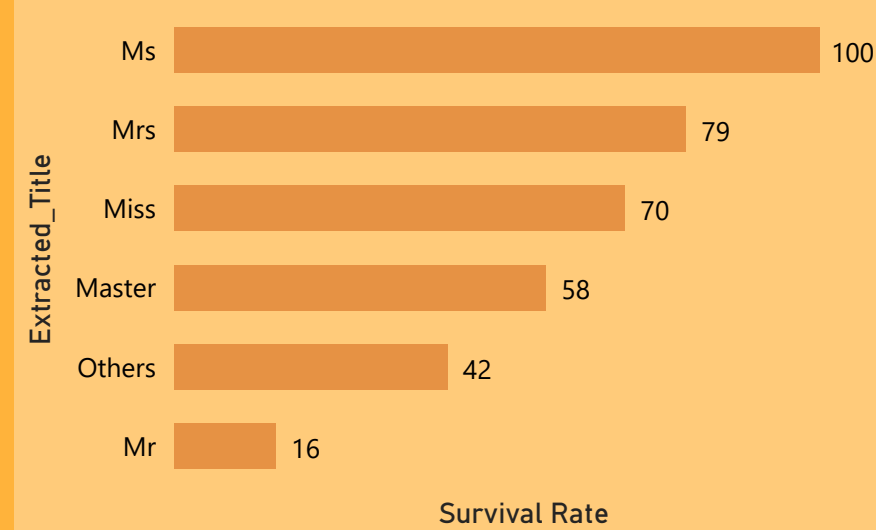
Correlation Between Survival Rate And Fare Amount
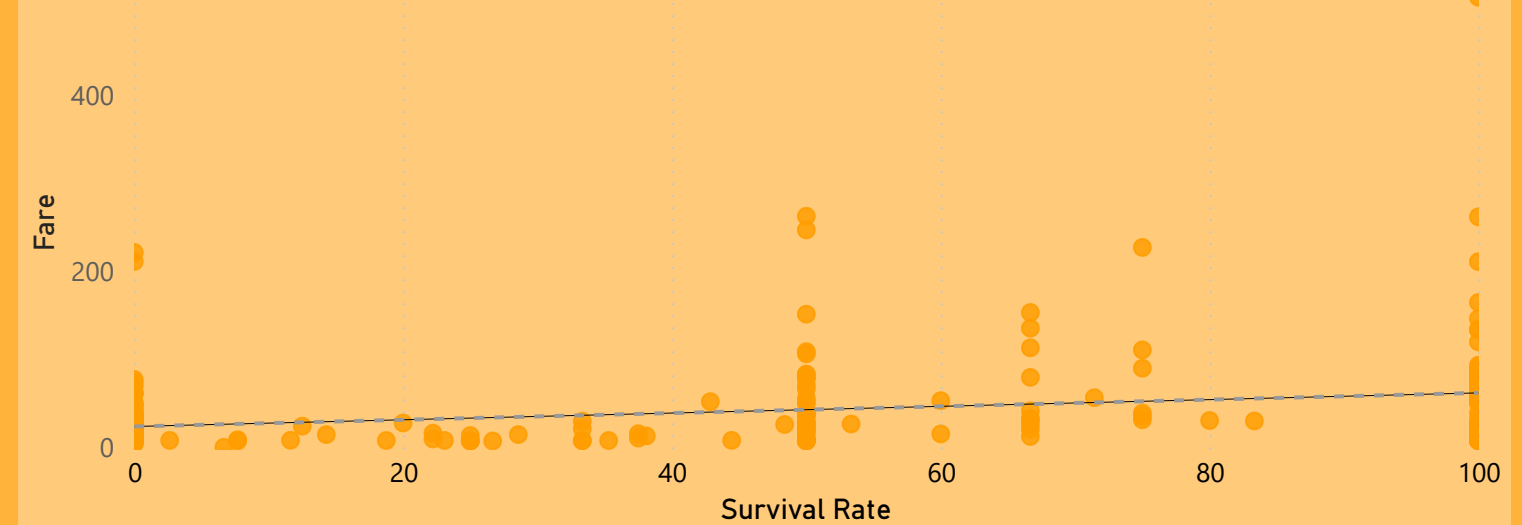
Survival Rate Based On Sex, Embarked and Pclass

INSIGHT

- The analysis sheds light on the effectiveness of evacuation protocols during emergencies, especially concerning the prioritization of certain groups for survival. Women and Children are prioritized due to their Vulnerability

- There is no correlation between survival rate and fare amount

- A specific passenger with profile (Sex: Male, Age: 36, Pclass: 2, Embarked: C) would have a survival rate of 20 percent

- Children less than 18 years had the highest rate of survival with approximately 54 percent survival rate, followed by adult between age 30 to 80 with survival rate of approximately 41 percent.