Titanic Disaster Survival Breakdown Dashboard

This Titanic Passenger Survival Analysis Dashboard provides a comprehensive view of survival patterns among passengers, helping us uncover insights about demographics, class, and travel groups.

1.Overall Passenger Profile

- The dataset contains 1,309 passengers.

- Out of these, only 494 survived, reflecting a survival rate of ~38%.

- Family connections show that 653 passengers had siblings/spouses.

- And 504 had parents/children, indicating a strong presence of group travelers.

2.Gender Distribution & Survival

- Males made up 64.4% (843 passengers), while females accounted for 35.6% (466 passengers).

- However, survival strongly favored females:

- 81 females survived vs. 385 did not.

- In contrast, only 109 males survived vs. 734 who did not.

- This clearly highlights the principle of "women & children first" during evacuation.

3.Passenger Class Impact

- Third class had the highest count (709 passengers), but survival was the lowest with only 191 survivors.

- First class passengers had much better chances — 186 survived out of 323.

- This shows a strong socio-economic influence on survival rates.

4.Boarding Points

- Most passengers boarded from Southampton (S) – 69.9%.

- Despite the high number, survival rates from Southampton were low compared to other ports.

- Passengers from Cherbourg (C) had higher survival ratios, reflecting better access to lifeboats and facilities.

5.Family/Group Bookings

- Group bookings show that multiple passengers shared the same ticket, which often influenced their chances of survival.

- Larger groups faced greater challenges in survival compared to smaller families or individuals.

6.Key Survival KPI

- The dashboard highlights a Passenger Survival KPI of 0.27, which is below the set goal of 0.38, indicating that actual survival rates were significantly worse than expected.

Thankyou