

## **Observations:**

Histogram (Age):

- Most passengers are aged 20–40.

Boxplot:

- Younger passengers had slightly higher survival.

Scatterplot:

- Passengers with higher fare tended to survive.

Sex vs Survival:

- Women had higher survival rate.

Class vs Survival:

- 1st class passengers survived more than 3rd class.

## **Summary of Findings:**

- Women and 1st class passengers had higher chances of survival.
- High fare correlated with higher survival.
- Children were more likely to survive.
- Most passengers were from 3rd class.
- Gender and class are key predictors for survival.