

TITANIC DATASET FINDINGS

- Female passengers had a significantly higher survival rate than males.
- Passengers in 1st class were more likely to survive than those in 2nd or 3rd class.
- Younger passengers, especially children, had better chances of survival.
- The Sex, Pclass, and Fare features were most influential in predicting survival.
- Many passengers in 3rd class had lower survival rates, possibly due to cabin location or delayed evacuation.
- Missing values were mainly found in the Age and Cabin columns.
- Fare amount showed a positive correlation with survival probability.
- Embarkation port had some impact, with passengers from Cherbourg showing higher survival rates.