

Titanic Survival Dataset

Best for: Teaching data cleaning (handling missing values) and binary classification. This dataset helps students answer: “What sort of people were likely to survive?”

Context: Passenger data from the tragic 1912 sinking. **Variables:** * **survived:** 0 = No, 1 = Yes * **pclass:** Ticket class (1st, 2nd, 3rd) * **sex, age, fare:** Demographics

Teaching Goal: Visualize categorical data. We will use a **Bar Plot** to see if gender affected survival rates.