Titanic Passenger Survival Analysis
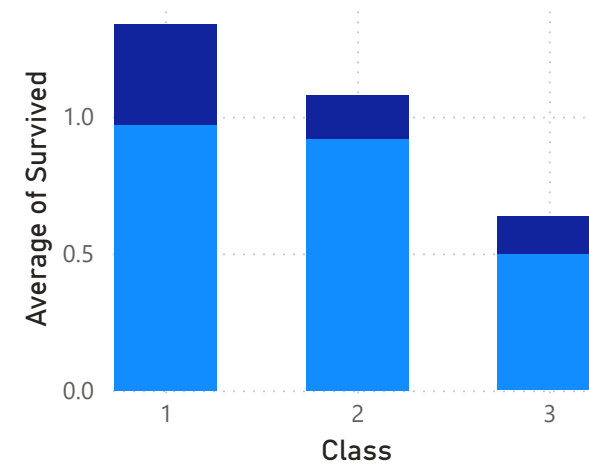
Survival Rate by Passenger Class

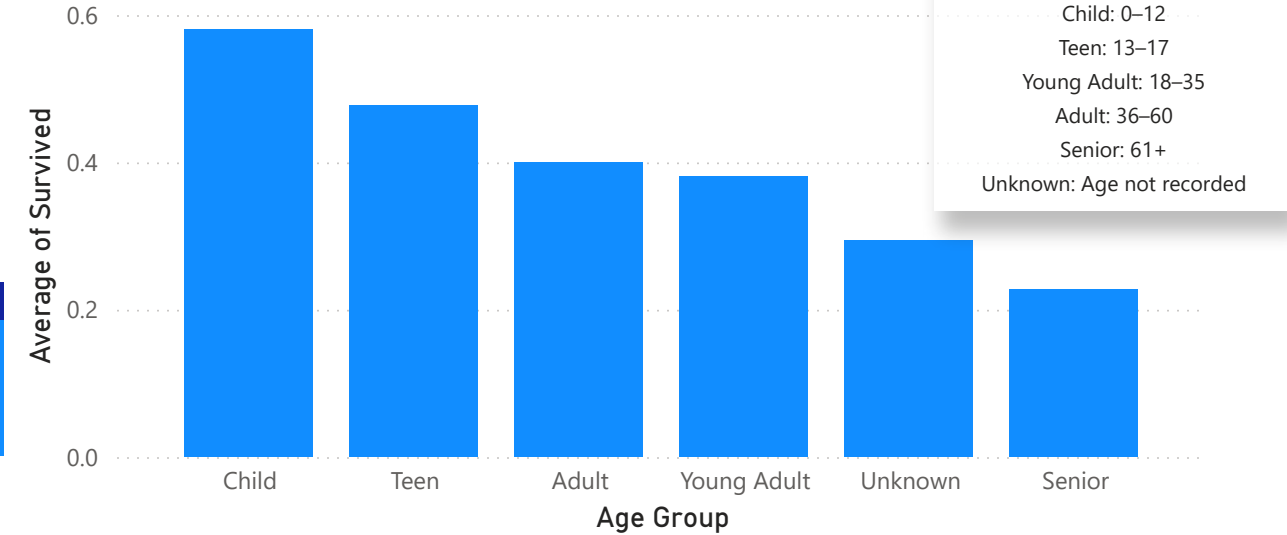## Survival Rate by Class & Gender
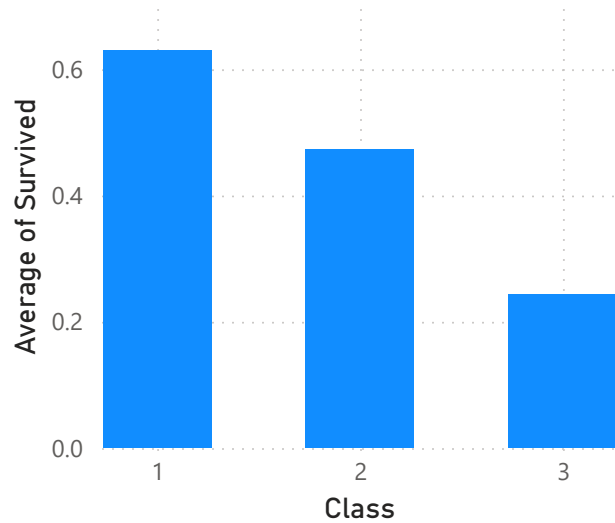
Sex ● female ● male

- Female passengers in all classes had significantly higher survival rates.
- 1st-class women had the highest survival rate overall.
- Male passengers in 3rd class had the lowest survival odds.

Survival Rate by Age Group

Age Group Key:
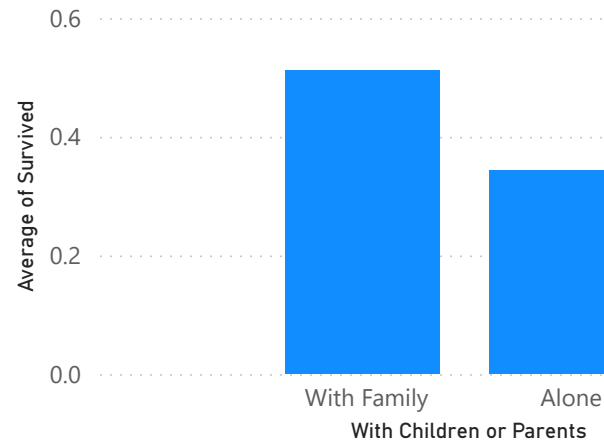Child: 0–12
Teen: 13–17
Young Adult: 18–35
Adult: 36–60
Senior: 61+
Unknown: Age not recorded

- Children had the highest survival rates across all age groups.
- Seniors and unknown-age passengers had the lowest survival odds.
- Survival odds steadily declined from Young Adults to Seniors.

Survival Rate by Family Status

- Passengers traveling with family had higher survival odds across all classes.
- Being accompanied likely influenced prioritization and support during evacuation.
- Those traveling alone faced significantly lower survival rates.

📊 Customize your view:

Use the slicers to explore how survival rates vary by:
- Passenger Class (1, 2, 3)
- Gender (male, female)
- Age Group (e.g., Child, Adult)

Select any combination to update all visuals on the dashboard.

Class
☐ 1
☐ 2
☐ 3

Sex ⌄
☐ female
☐ male

Age Group
☐ Adult
☐ Child
☐ Senior
☐ Teen
☐ Unknown
☐ Young Adult