

Question:

What factors made people more likely to survive?

Data wrangling:

- 1) Mapping the ages into 8 bins: '0-10', '10-20', '20-30', etc.
- 2) Mapping Sibsp into 2 bins: had siblings / spouse or not
- 3) Mapping Parch into 2 bins: had parents / children or not
- 4) Mapping ticket fares into 2 bins: 'cheap' (fare ≤ 50) and 'expensive' (fare > 50)

Please see additional comments in notebook

Exploration:

Please see Jupyter notebook for visualizations and statistical summaries

Conclusions:

Looks like women and children were more likely to survive. These findings are tentative at this point though, because I did not do rigorous statistical analysis.

Please see additional comments in notebook

Communication:

Please see Jupyter notebook for visualizations and statistical summaries