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 / childre or not
4) Mapping ticket fares into 2 bins: 'cheap' (fare <= 50) and 'expensive' (fare > 50)

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.

Communication:
Please see Jupyter notebook for visualizations and statistical summaries