

TITANIC DATA VISUALIZATION

summary:

The bar chart shows the survival rate of male and female with respect to different passenger class. It compares the survival rate of male and female in different passenger class.

Design:

I chose the Titanic dataset: giving passenger information aboard RMS Titanic. On April 15, 1912, during her maiden voyage, the Titanic sank after colliding with an iceberg, killing 1502 out of 2224 passengers and crew.

One of the reasons that the shipwreck led to such loss of life was that there were not enough lifeboats for the passengers and crew. Although there was some element of luck involved in surviving the sinking, some groups of people were more likely to survive than others, such as women survive more than male.

Chart type: bar chart

I chose a bar chart to represent the visual and in order to show the difference between survival rate of woman and man with respect to their class.

Pattern explored:

Survival rate of male and female in different passenger class.

Findings:

1. The survival rate of female is more than male in every passenger class.
2. The survival difference of male and female is more in 2nd passenger class.

Before feedback : `index_initial.html` (will be found here bl.ocks.org)

Feedback:

Feedback (1st person): There is no commentary in the visualization (explaining the source of the data, what the data represents, what the variables mean, or what the creator thinks is the main story that the visualization is telling).

Feedback (2nd person): Although visualization is good, but tooltip is always on upper left part of visualization. Otherwise everything is okay.

Feedback (3rd person): Conclusion about visualization should be given.

After feedback:index_final.html

- 1.headings and useful information are added.
- 2.i corrected tooltip.
- 3.i written conclusion about exploration.

Resources:

1<http://dimplejs.org/>

2.<https://discussions.udacity.com/t/need-feedback-on-titanic-visualization/326836>