

Story virgin_1:

Attached in file (Tatonic_V1.twbx)

Story virgin_2:

Attached in file (Titanic After modified1.twbx)

SUMMARY

The goal of this project is to focus on the reasons which may have led people to either survive or die in the Titanic disaster. Out of the various variables available like Pclass, Embarked, Sex, Ages,... etc. we will by using Tableau program, look to some of it ones that will lead us to concluding that the variables affected the survival of the people.

DESIGN DECISIONS AND PLOTS

- Even the Tableau offer amazing colors, shapes, diagrams and I saw many greats project used it, but I decided to use **bar chart** in the most of figures because is the most popular plot all people familiar with it, can understand easily and very good in comparing staff like what the most I did in the Titanic Story. Also, I used **heatmap** for some variables which is categorical with less values like sex, and it is the most meaningful plot from an eye tracking see. Finally, for more diversity in plot I used once the **box blot** chart to represent the differences of survived situation.
- Data I decided to choose it easy dataset, so the figure I selected will represented it easily without parameters setting complicated

Now let me go into the details of each of the story points:

1. The first story point is actually a dashboard that has data about the survivors numbers as whole the figure I used is the **box and whisker blot** it is seem more useful in represent data, other perfect plot is **pie chart** to represent this kind of data
2. The ages story And Pclass, was ok with a distribution in terms of a staked bar, I felt it would be better to show to the people how many of a certain age group survived or died Also, the same of how many of a certain class. The red and gray color are chosen to show survived or die. I tried The **bubble chart** it was good but not like staked bar!
3. It was expected that, since maximum people boarded from Southampton, we would see more casualties from there and that is clearly seen in the **Heatmap** plot that mentions survival for Southampton or Queenstown or Cherbourg.
4. **Heatmap** plot also show the maximum survivors of the gender kind , the most of survivor was females because the police of lady first!
5. **Finally**, I used **shape** element to represent individual dataset name and put it in interactive dashboard that allowed the person to display the features and how the peoples increase or decrease depend on her/his choice.

DATA MODIFIED

1. **Ages:** I removed null values and group ages to 6 categories which is () and sorting it from smaller to bigger to make it easy for the readers.
2. **Port of Embarked:** I changed the letters abbreviations C,S,Q to (Southampton or Queenstown or Cherbourg) also I did that with survived category from(0,1) which is the computer language to survived or not survived

FEEDBACK

After the feedback

The list is the feedback from my family and it help me to improve the figure

- The story doesn't understandable alone without my description (they ask what this is?)
Action: Instead of use dashboard I use story to lead the reader from the beginning of story to the end also I put introduction talk about what excepted and summary above each figure highlight it findings.
- the age wasn't clear
Action: select bar chart to represent ages also I group ages values to make it easily to track or read.
- the table was un readable (need to scroll down to see the data of each persons
Action: I remove the tables and replace it with specific chart for each feature
- The picture Was Too big
Action: I minimized the picture size and put it in the left up corner

RESOURCES

<http://onlinehelp.tableau.com/>

<https://www.tableau.com/learn/training>