

Titanic Data Visualization with Tableau

Links of Public workbook:

https://public.tableau.com/profile/hana7249#!/vizhome/titanic_data_story/TitanicStory

- **Summary:**

In My Data Visualization Story of Titanic Data, I started to visualize the overall Data set and see what is the majority of passengers by Age/ Gender/social class. Secondly I analysis the number survived passengers in different factors. It's appear that gender wise, the chance of females is higher. Then looking at the social class up to the gender, females with first class had a higher chance of survivals.

- **Design:**

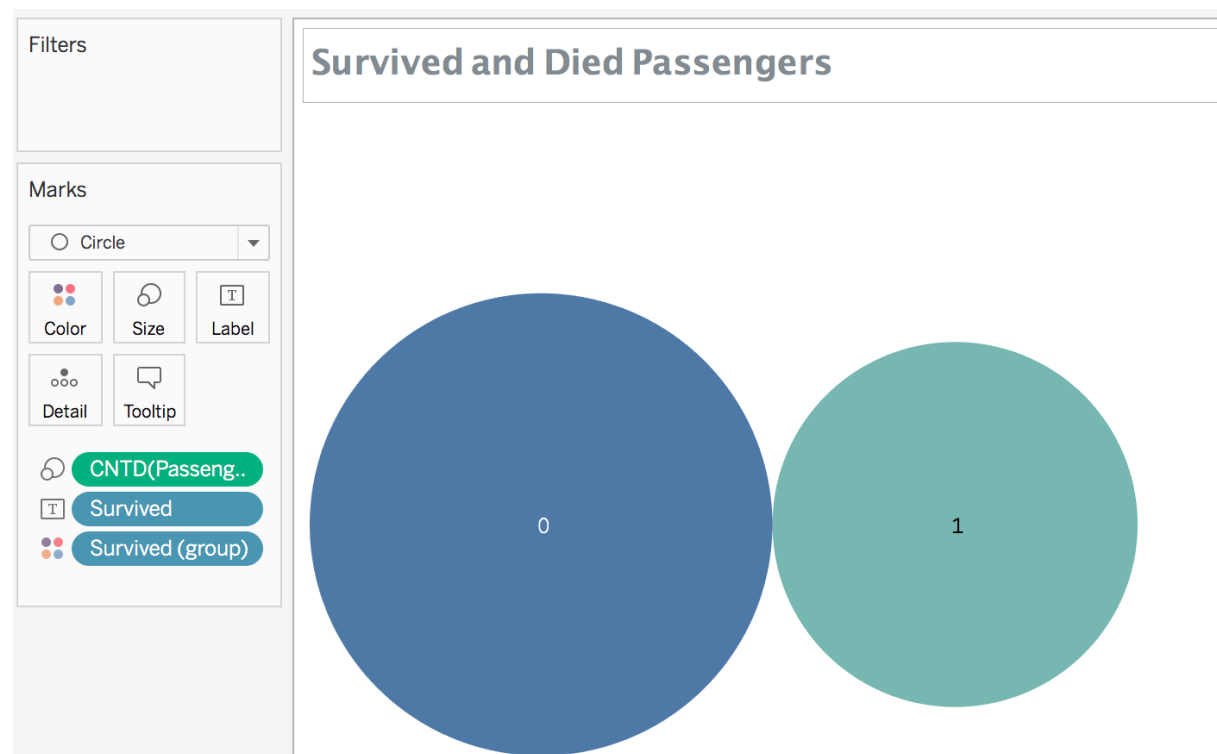
To see the age distribution, I decided to make histogram chart so it can be easily see the ages and the frequency of ages/ or count of passengers. Also in my Data visualization, I have encountered many bar charts for the categorical attributes such as: gender and class.

I create a tabular view for the people who are looking for numbers and seek for details. Also, I created bubble chart for number of survived vs died passengers.

When I explore relationship between three attributes(gender-class-survival).I decided to go with scatter plot and color one dimension and change the shape for another one .

Since Basmah suggested using pie chart for indicating the died and survived passengers as it's more user friendly, I have used it with higher contrast colors.

Bubble chart before the suggested change:



- **Feedback:**

Basmah's Feedback:

Basmah understand the charts and interpreted the knowledge. Since Basmah into UX/UI . She shared the following design suggestion:

- 1- For "survived and died passengers chart", he asked me if I could change it to pie chart so it would be user friendly and some people don't understand the size of the bubble reflect the number of passengers.
- 2- I have used dark blue for died passengers and light blue for survived, he suggested to use red for indicating died passengers.