

Titanic Data Visualisation

Summary

This project deals with visualisation of Titanic dataset which provides us insight to class, age, gender of people in the Titanic.

After visualisation we can conclude that :

1. Based on passenger classes, Class 3 had highest number of deaths and Class 1 had lowest number of deaths.
2. The number of male deaths were significantly higher than that of females.
3. Most of the people who survived, were aged between 20 and 30.

So I conclude that, the females in first class had highest chance of survival and males in third class had lowest chance of survival.

Design

Chart Types:

Mainly I used Bar charts and pie chart.

I used bar charts to represent the Titanic data as it is discrete in nature.

Counts of people were used to plot the bar charts.

Percentage of people perished in three passenger classes were used to plot the pie chart.

Legends are placed right hand side of the graphs.<br.

Feedback

1. The visualizations should be self-explanatory, by making use of the story captions (top panels) to explain the story

This will help the reader to engage with your finding and communicate better with the visualization.

2. Instead of using one bar for every year when visualizing the Age distribution, we can use bins.

I have made changes in the story captions.

I have created bins for age distributions.

Link to visualisation

<https://public.tableau.com/profile/eldhose3808#!/vizhome/shared/KGFBN3CZY>

Link to Final Visualisation

https://public.tableau.com/views/TitanicSurvivalData3/Story1?:embed=y&:display_count=yes&publish=yes