

# Titanic Dashboard

## Libraries used:

- Pandas: For reading the csv file and data analysis.
- Plotly Express: Visualizing a variety of types of data using appropriate plots.
- Streamlit: Creating web apps for the Dashboard.

## Softwares used:

- Visual Studio Code
- Google Chrome
- Ubuntu

## Websites used:

- Kaggle
- Plotly

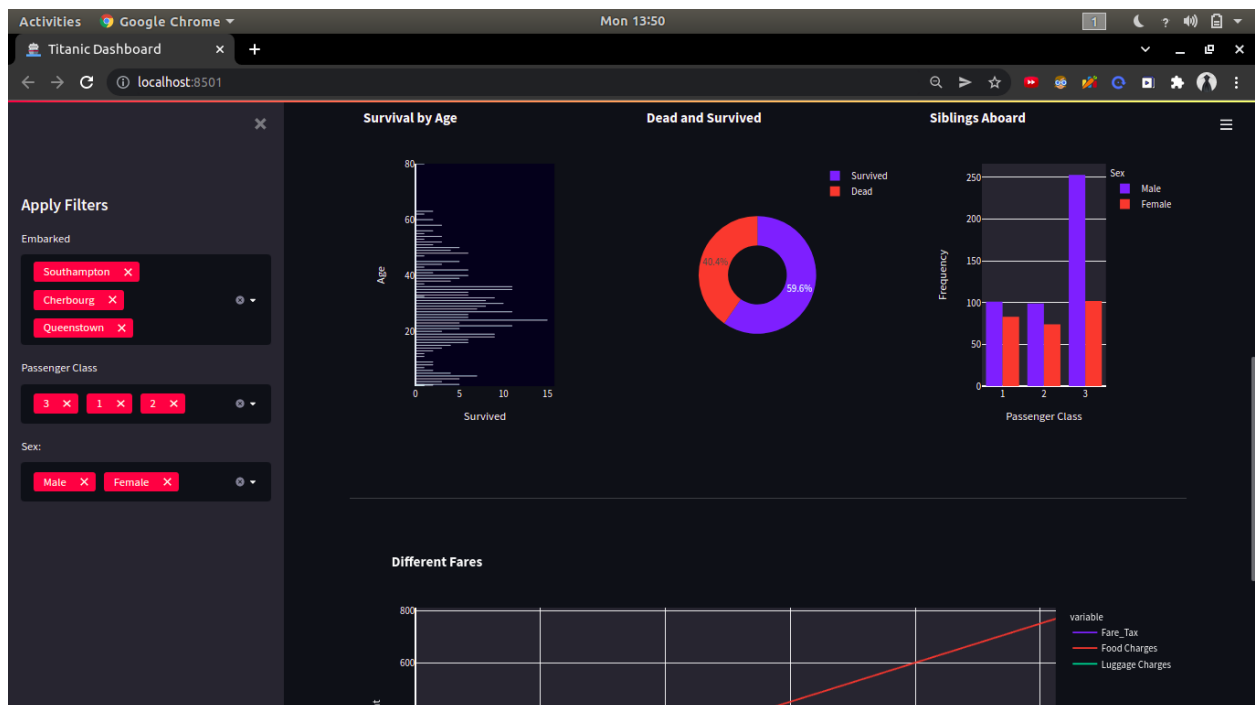
## Dataset used:

[The Titanic dataset](#) was used for creating the dashboard. Various deaths and survival figures were compared by considering the age, gender, places embarked and others. Other attributes like fares and their distribution were also compared.

## Graphs Plotted:

The dataset was visualised using several graphs such as box plots, bar graphs, line plots, pie charts, and histograms.

## Website:



Filters for querying the data:

×

### Apply Filters

Embarked

Southampton ×

Cherbourg ×

Queenstown ×

⊗ ▼

Passenger Class

3 ×

1 ×

2 ×

⊗ ▼





Sex:

Male ×

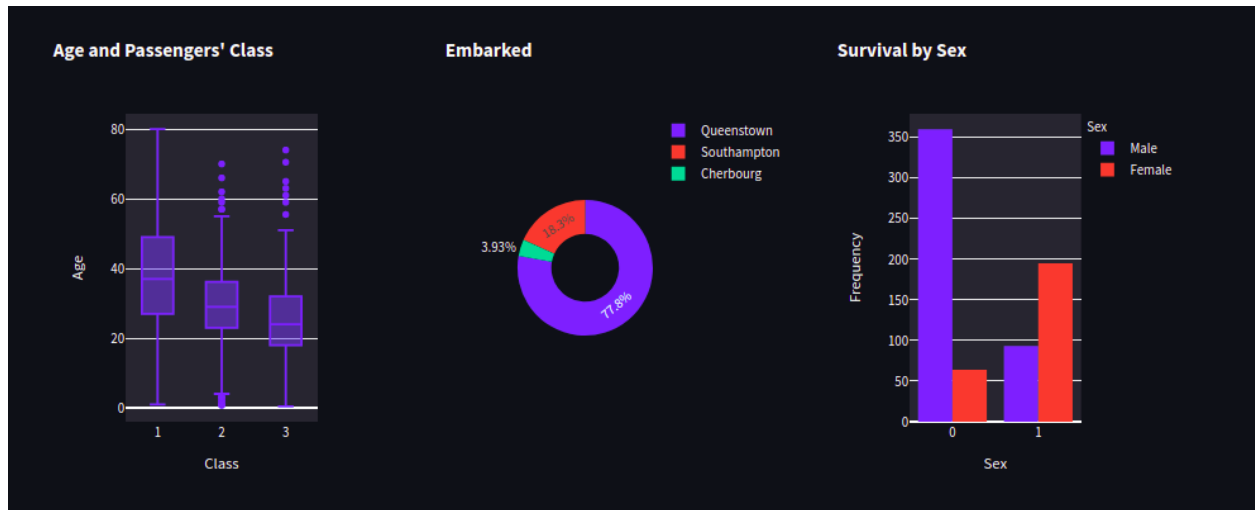
Female ×

⊗ ▼

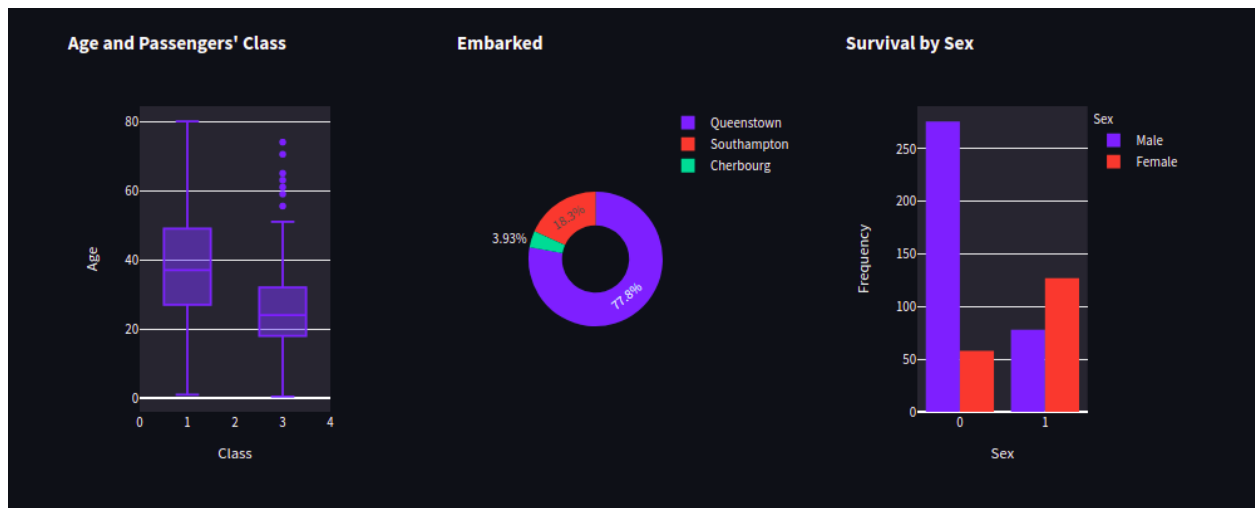
Rough estimate of the dataset using less facts:

 <b>Titanic Dashboard</b>		
Total Deaths 	Median Age Abroad 	Total Survivals 
288	28.0	424

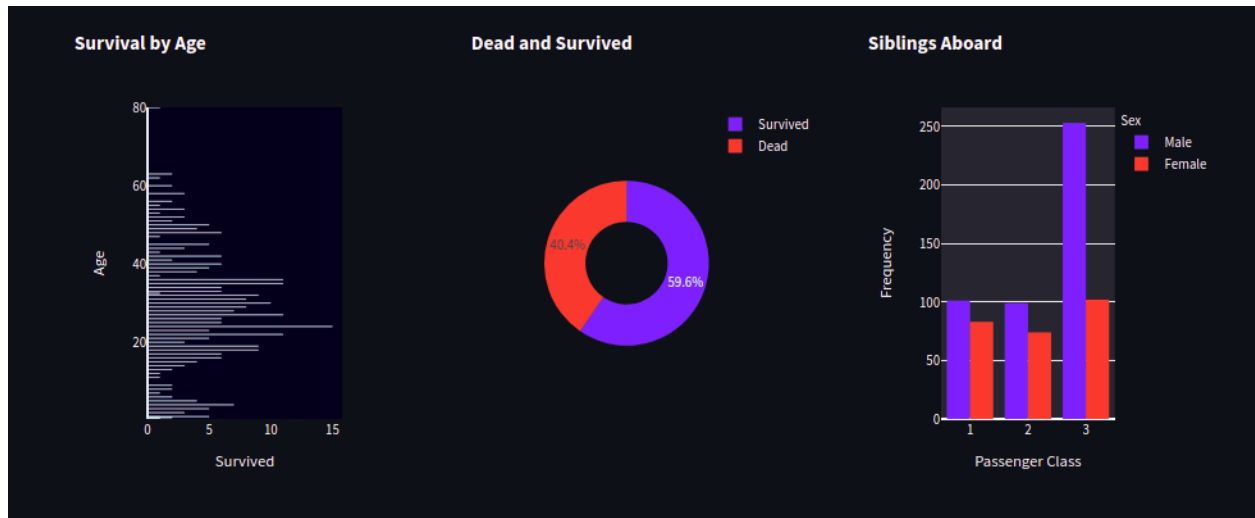
## Graph plots:



## Graph plots after removing Class 2 from filters.



## Other graph plots:



## Comparison of distribution of fares amongst Fare Tax, Food Charges and Luggage Charges:

