

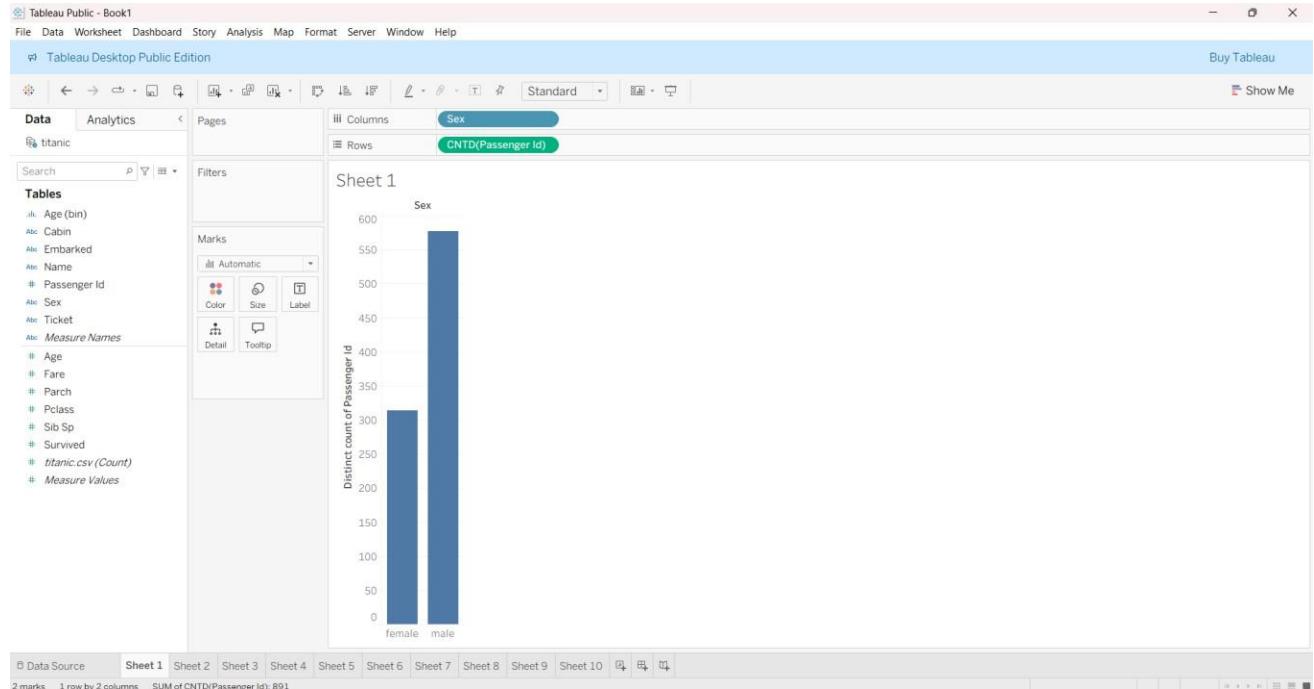
# CASE STUDY – 1

## Data Visualization

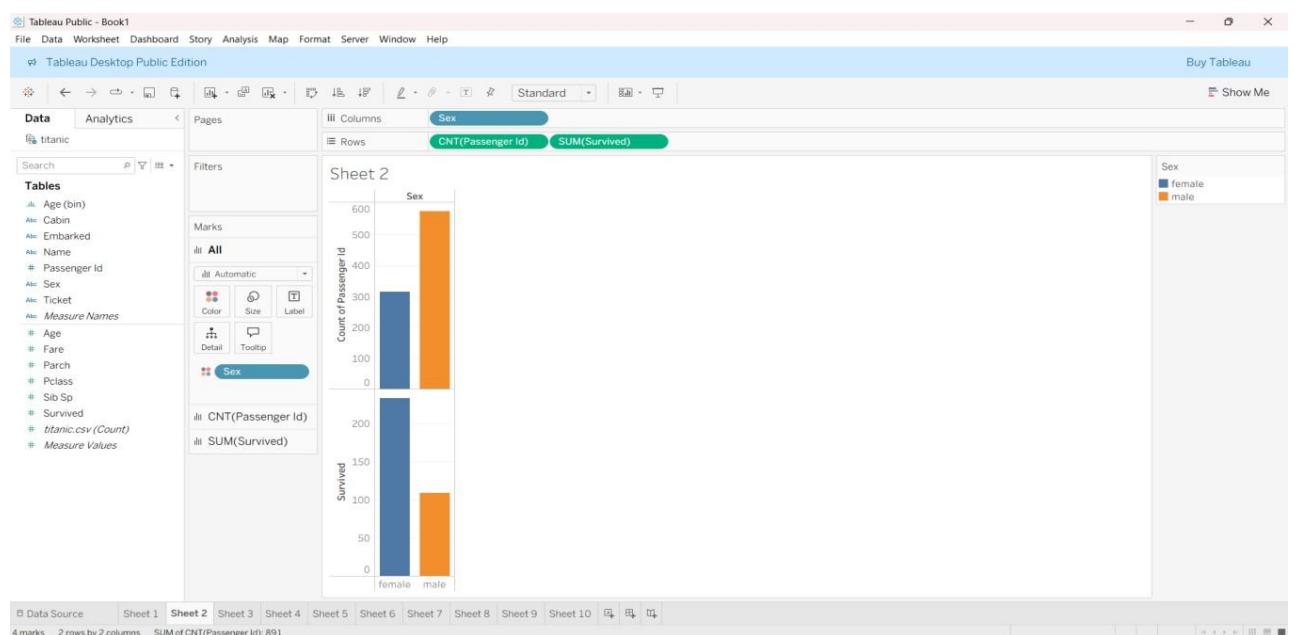
Submitted By: Jai Aadhavan V– ENG23AM0134

### Hands-on: TITANIC DATASET

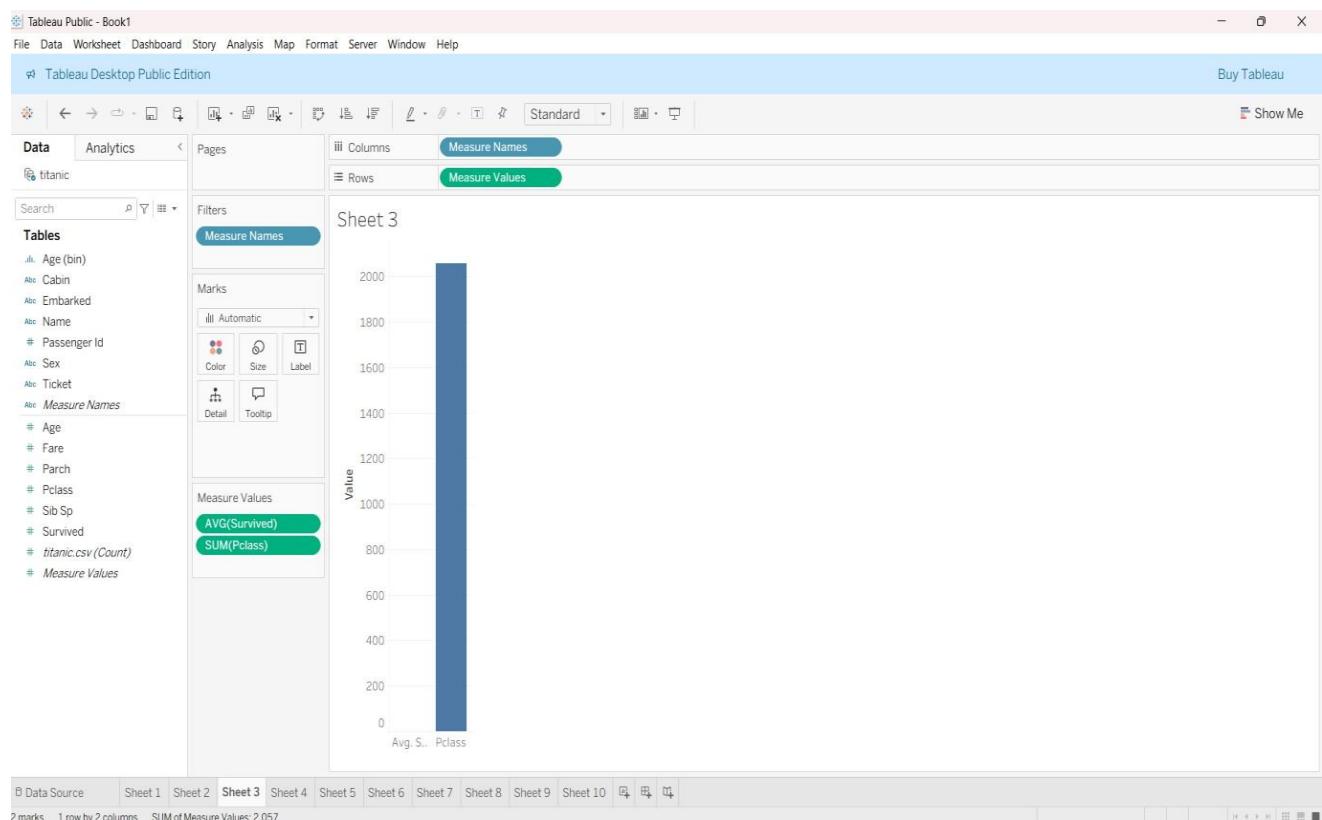
1. Obtain the bar chart of passengers vs. gender.



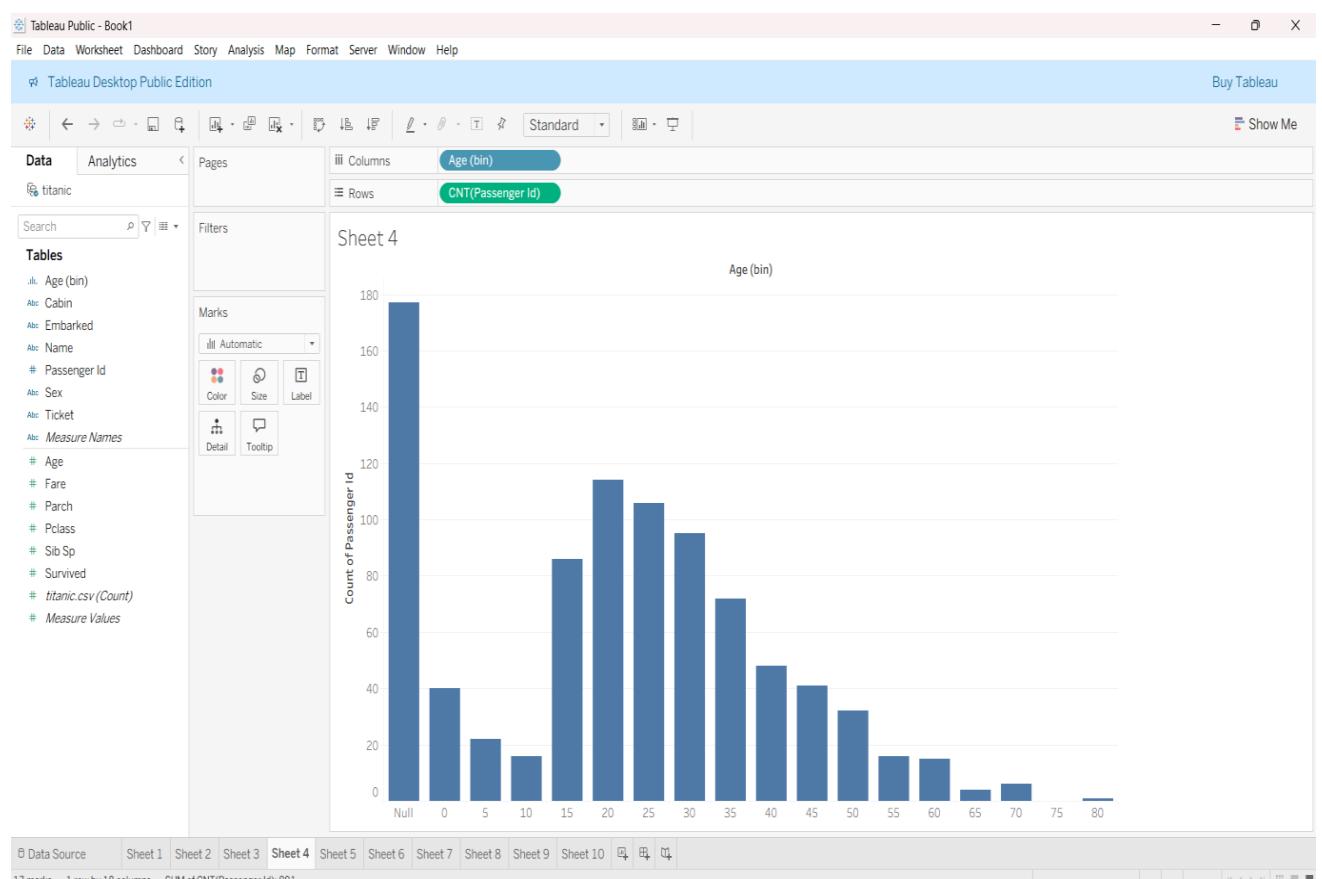
2. Obtain the survival count of passengers by gender.



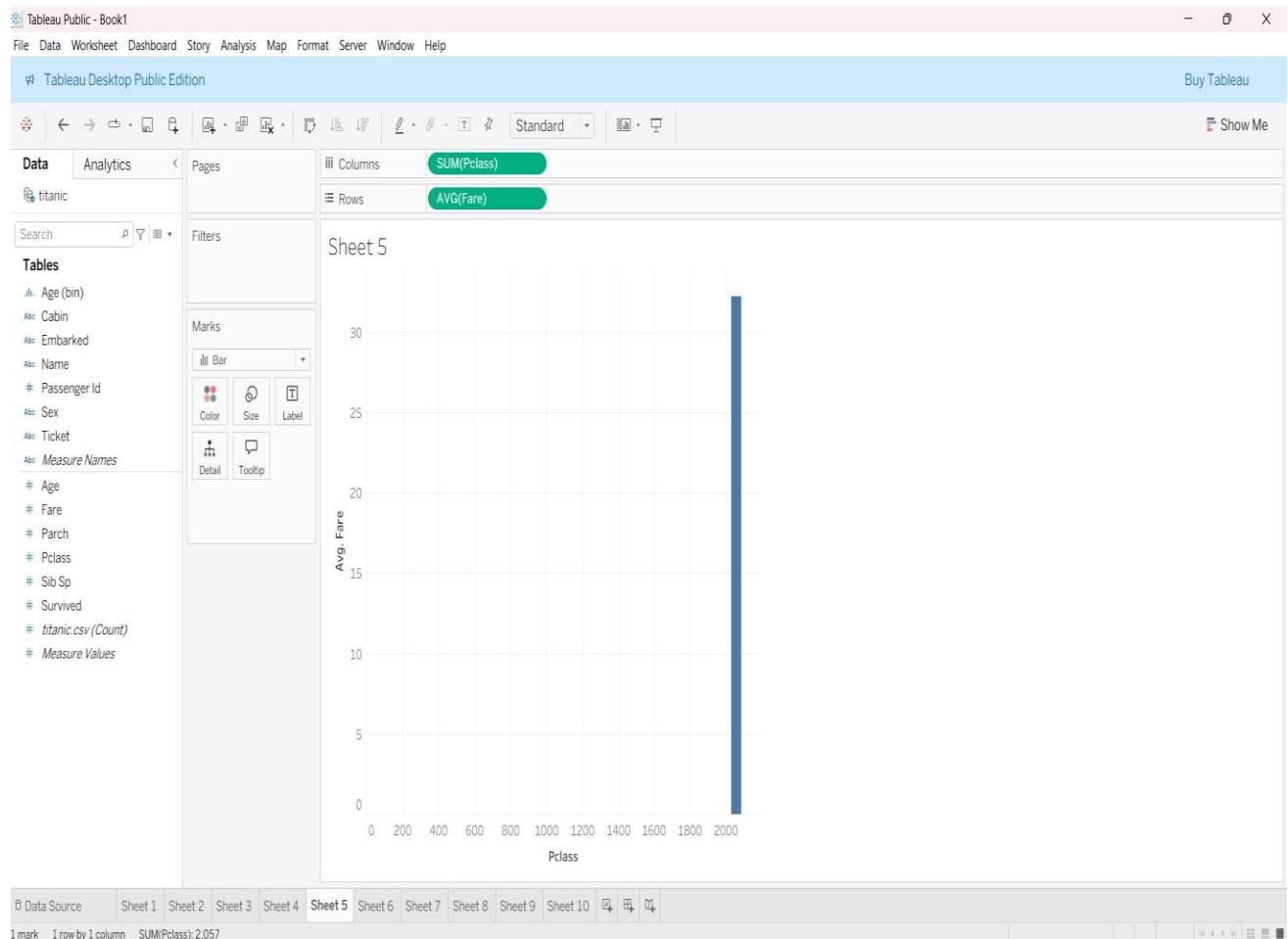
### 3. Obtain the survival rate by passenger class.



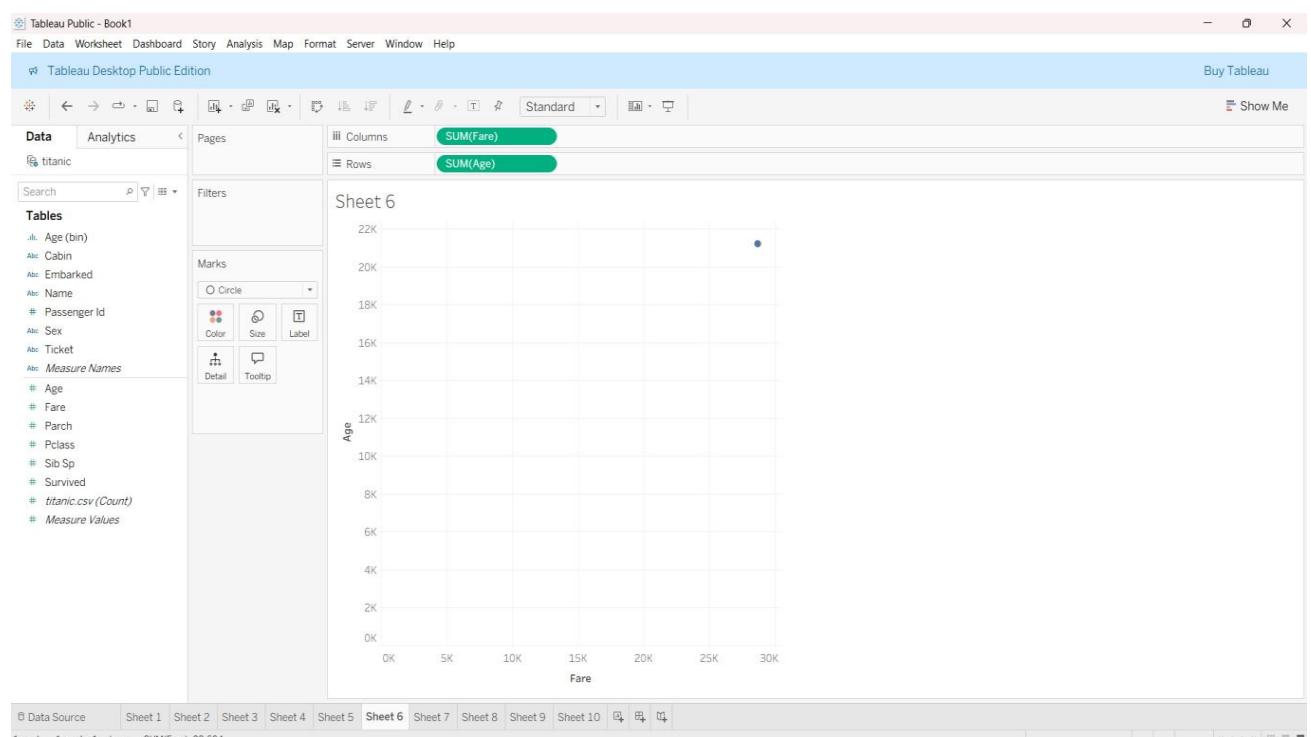
### 4. Obtain the age distribution of passengers.



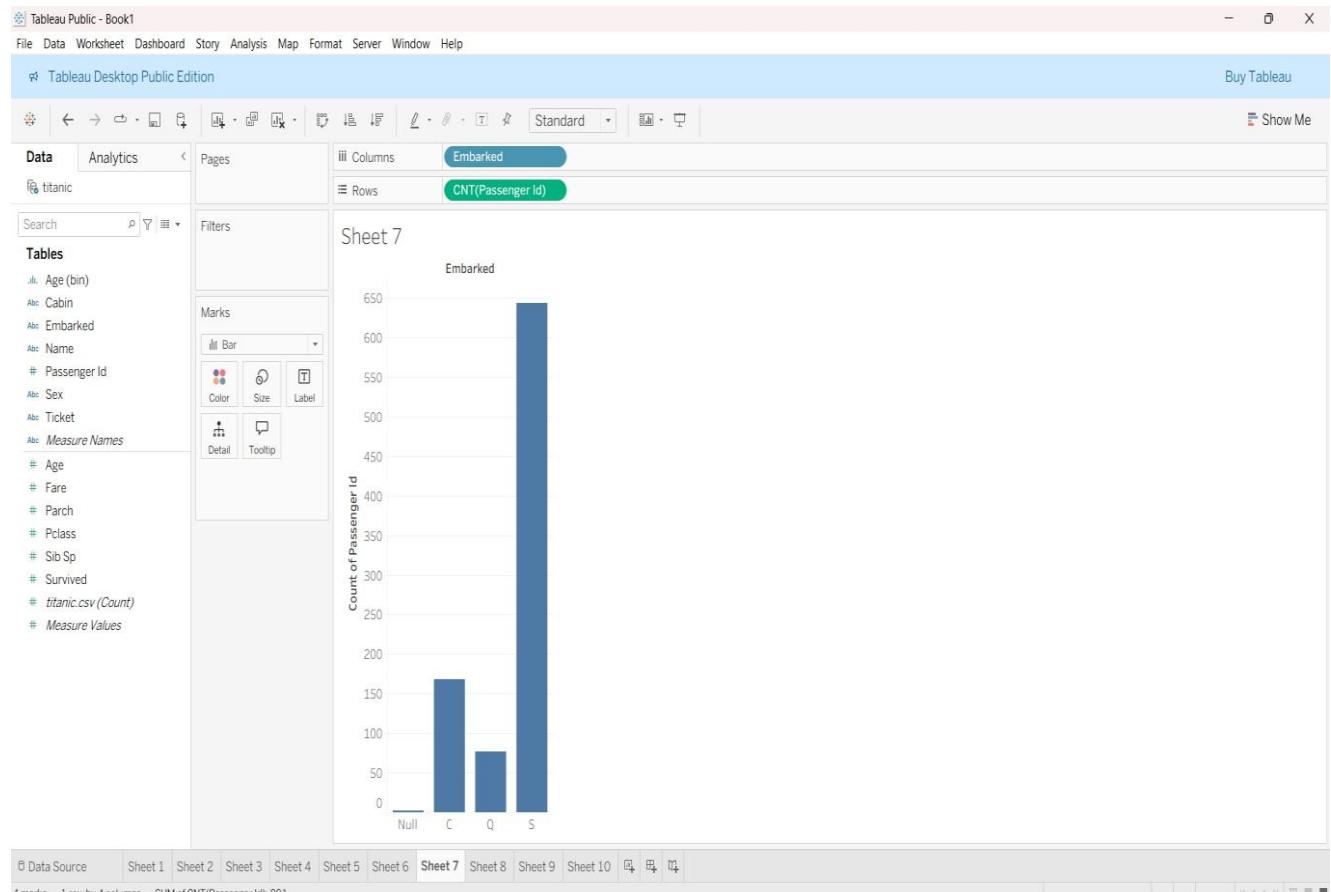
## 5. Obtain the average fare by class.



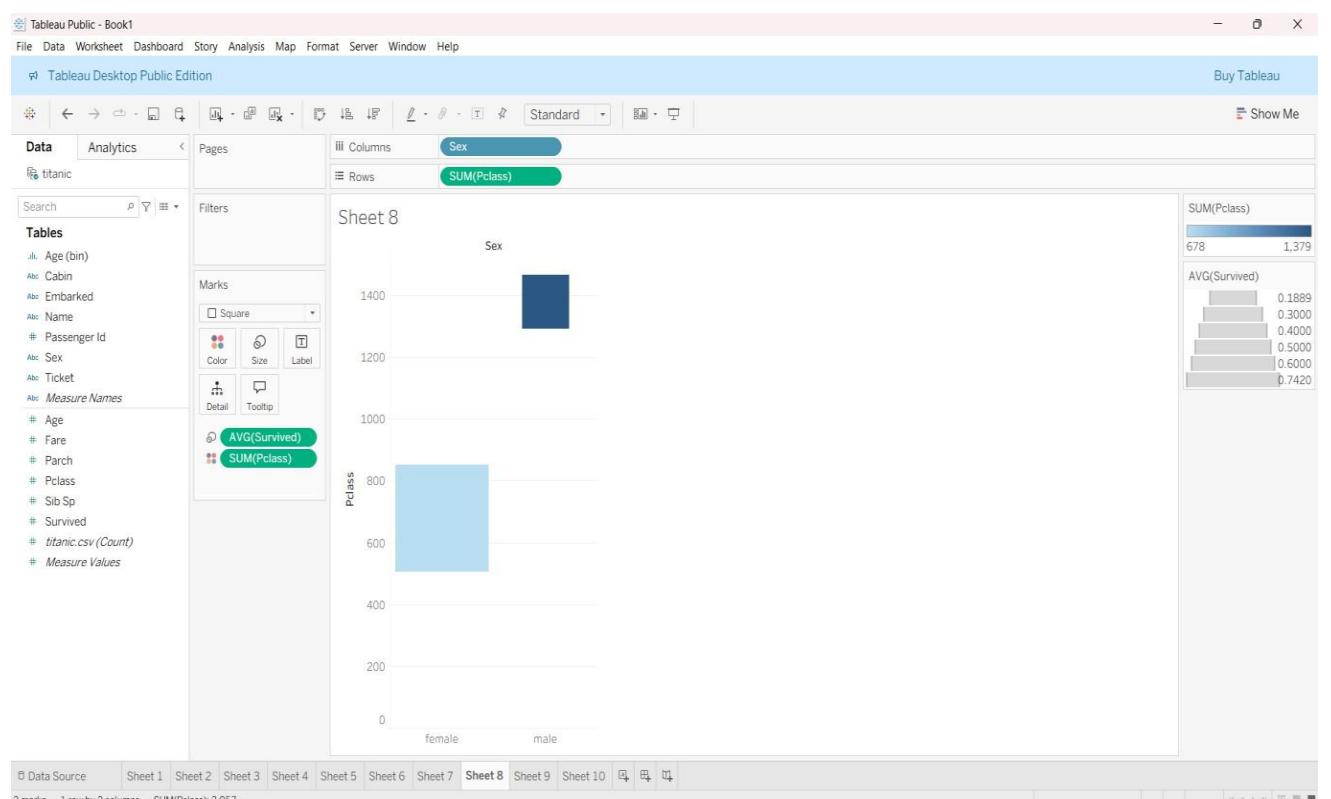
## 6. Obtain the scatter plot of fare vs. age.



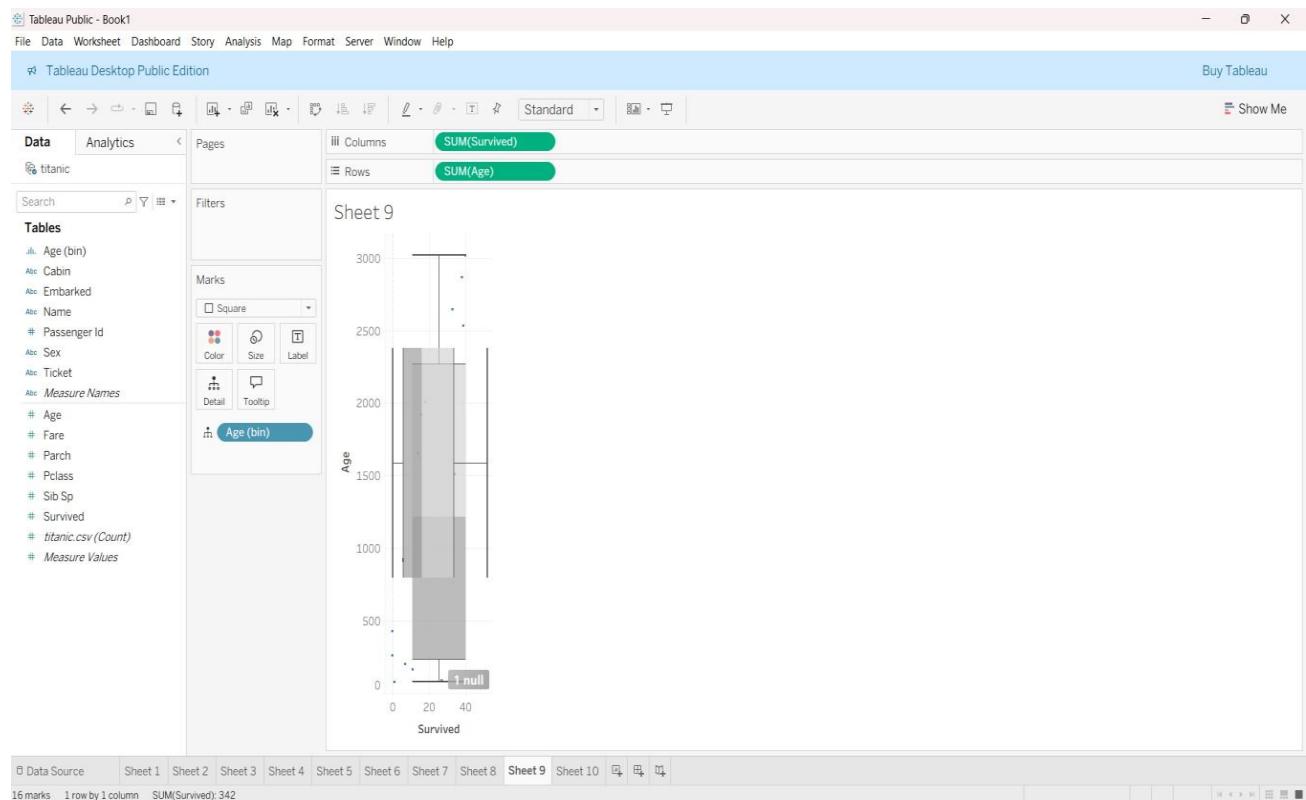
## 7. Obtain the passenger count by embarkation port.



## 8. Obtain the survival heatmap by gender and class.



## 9. Obtain the box plot of age vs. survival.



## 10. Draw a pie chart representing a dimension and a measure.

