**DATA VISUALIZATION IN R**

**Solve all the following questions and infer the output using Graphs and Charts in R. From the Titanic Dataset**

1. **Determine the survival rate using Histogram**
2. **Plot the survival rate of men vs women using histograms**
3. **Plot the number of passengers in each class in Titanic dataset**
4. **Plot the survival rate of male, female , kids and crew as a pie chart**
5. **Plot the age and survived column as a box plot**
6. **Create a Dataframe with medical records containg name, age, gender disease, number of hospital visits. Plot a scatterplot using columns age and number of hospital visits and infer from the plot.**
7. **In the medical dataset (populated with atleast 25 records), plot the distribution of the age column as a density plot and infer from the results.**
8. **In the medical dataset (populated with atleast 25 records), plot the age and gender as a box plot and infer from the results.**