Q2 . Using Titanic dataset, to do the following:

a. Clean the data by dropping the column which has the largest number of missing values.

b. Find total number of passengers with age more than 30

c. Find total fare paid by passengers of second class

d. Compare number of survivors of each passenger class

e. Compute descriptive statistics for age attribute gender wise

f. Draw a scatter plot for passenger fare paid by Female and Male passengers separately

g. Compare density distribution for features age and passenger fare

h. Draw the pie chart for three groups labelled as class 1, class 2, class 3 respectively displayed in different

colours. The occurrence of each group converted into percentage should be displayed in the pie chart.

Appropriately Label the chart.

i. Find % of survived passengers for each class and answer the question “Did class play a role in survival?”.