R LAB 9 Exercices

1. Read a CSV file through an URL
2. Load the Titanic Dataset that is inbuilt in R
3. What information is stored in the Titanic Dataset(list the columns)
4. Take a peek at the top few rows of Titanic Dataset
5. Take a peek at the bottom few rows of Titanic
6. Understand the Dataset.Get the datatype of each attribute, number of rows, number of columns present in the data.
7. Summarize the dataset i.e summarize each attribute of the dataset
8. What was the survival rate of passengers in Titanic
9. Compare the survival rate of male and female passengers.
10. What percentage traveled in First Class, what percentage of passengers in Second and similarly in Third Class?
11. Did the survival rate differ based on the class of tickets ?
12. Find out the survival of male and female in each class
13. Infer the survival rate based on age and gender

For Practise
14. Write the command to import a large dataset as a data table.
15. Import a CSV file which has details of cars (based on the questions create a csv) as a data table
16. Get nrows,ncols,datatype of each column in the data table.
17. Which model, manufacturer has the highest price?
18. Sort the car data table based on its price.
19. Remove the cars which were manufactured before 2020 and store the resultant dataset as a Rdata, RDS, CSV and an excel file.
20. Convert a dataframe to a datable using as.data.table() function.