

# A Objective

In [ ]: *#To perform Exploratory Data Analysis on real time datasets*

# B Snyopsis & Algorithm

In [ ]:

# C Code and Output

In [1]: *#Load Dataset*

In [ ]:

In [2]: *#Shape of the dataset*

In [ ]:

In [3]: *#Preview the data using head() & tail()*

In [ ]:

In [4]: *#Descriptive Statistics*

In [ ]:

In [5]: *#Identifying missing values*

In [ ]:

In [6]: *#Replacing missing values*

In [ ]:

In [ ]: *#Uni-variate Analysis(Histogram)*

In [ ]:

In [ ]: *#Bi-variate Analysis(SCatter Plot)*

In [ ]:

In [ ]: *#Multi-variate Analysis(Pair Plot from seaborn)*

In [ ]:

In [7]: *#Correlation Matrix*

In [ ]:

In [ ]: *#Outlier Detetion using Box Plot*

## D Conclusions & Discussion

In [ ]: *#Discuss what inferences you have made after the successful completion of the Exper*

## E Viva Voce Questions

In [1]: *#1 What is meant by Quartiles.*

In [2]: *#2 What is the significance of standard deviation.*

In [3]: *#3 How are outliers detected?*

In [4]: *#4 Can outliers be alwasys replaced by mean values? Comment.*

In [5]: *#5 What is the sigificance of histogram?*