Topic:- Creation of python library for pre-processing data

Objective-

1)Descriptive statistics of the data.

2)Generic coding for pre-processing data

3)Visualisation of the data.

Detailed description-

1. Descriptive statistics of the data: Describe the data w.r.t various statistics related to it-

a)What is the data used for

b)Description of the variables present in dataset

c)Calculate Mean

d)Median

e)Mode

f)Variance

g)Covariance

h)Kurtosis

i)Skewness

j)Outliers

k)Range

l)Maximum value

m)Minimum value

n)Total number of missing values

#Feel free to add if I have missed anything

2) Generic coding for pre-processing data- Write codes to generate a template which will pre-process the data. Include various assumptions made while coding and also include the restriction the end user may face while using the template. #The scope of coding will be added once it is done.

3) Visualisation of the data- For visualisation we can include the elements that were defined during description of data.#We need to discuss on this in detail once other modules are over.

P.S.-If we are working on Housing data set then below is the description of various variables associated with it-

