ML Lab (CS360)

Assignment 3

Please download the dataset using the link given below
Link: Click Here

1. Write a python program to read the dataset and print the number of features, number of patterns, range of output available in the dataset.
2. Write a program to randomly split the dataset in *X:Y* ratio. Here, the values of *X* and *Y* are as follows (X+Y = 100% always): (*please do not use train_test_split package*)
   a. X = 10:10:90 (i.e., initial: 10%, increment by 10%, maximum is 90%)
   b. Y = 90:10:10 (i.e., initial: 90%, decrement by 10%, minimum is 10%)

3. Write a program to calculate the row-wise,column-wise, and overall mean, median, mode, and standard deviation of the dataset.
4. Write a program to plot a graph (using matplotlib) for the dataset shared in Assignment 2

Please do not copy anyone's code. Try to learn coding.

Thank you
Happy learning