Python Lab-3 Exercise-1

Practice on Data Preprocessing

- ✓ Download the iris dataset from UCI machine learning repository and save it to your local machine
- ✓ Upload the downloaded to python
- ✓ Write a code to show the number of rows and columns of the dataset.
- ✓ Write the code to read the first five records of the dataset
- ✓ Write the code to read the last five records of the dataset
- ✓ Write the code to display first ten records of the dataset
- ✓ Write the code to display the count, mean, standard deviation, minimum, 1st quadrant, 2nd quadrant, 3rd quadrant and the maximum value of the dataset.
- ✓ Write the code that display the count size of each class of the dataset.
- ✓ Extract the independent features from the dataset (all except the class label)
- ✓ Extract the dependent features from the dataset (the class label)
- ✓ Generate Histogram graph from the dataset
- ✓ Generate Density graph plot from the dataset
- ✓ Generate boxplot graph plot from the dataset