**Instructions for Assignment 1**

Jupyter Notebook is a web-based interactive computational environment for creating notebook documents. Text that has been formatted using markdown is displayed in markdown cells. Text that the Notebook server should not interpret as code must first be turned into a markdown cell through the cell menu.

**Submission:**

The report for WEKA must be submitted in PDF, whereas reports for Python and R can be submitted in either a Jupyter notebook with tasks completed in code cells and explanations in markdown cells, or in PDF.

Reference link (Report for python and R in Jupyter notebook)

<https://www.tutorialspoint.com/jupyter/jupyter_notebook_markdown_cells.htm>

Submit a report with the following outline for each one of the datasets. Look at the following Example.

1. Introduction
2. Retrieving the Data
3. Glimpse of Data
4. Check for missing data
5. Data Exploration
6. Include a paragraph describing the contribution made by each team member.
7. THERE IS A DEMO ( you will get extra point for this)

# **Expected Output: (Each file should be submitted separately, do not compress them) ( Points will be deducted if you compress them)**

For Python:

1. Jupyter Notebook (Report in markdown cells and code in code cells of Notebook preferred)
2. Report in PDF (optional)

For R assignment:

1. Jupyter Notebook (Report in markdown cells and code in code cells of Notebook preferred)
2. Report in PDF (optional)

For WEKA assignment:

1. By taking reference of questions from python and R assignment, visualize the data in WEKA.
2. Report with detailed and meaningful explanation of each visualization in 4 – 5 lines.