

Write-up	Correctness of Program	Documentation of Program	Viva	Timely Completion	Total	Dated Sign of Subject Teacher
4	4	4	4	4	20	

Expected Date of Completion:.....

Actual Date of Completion:.....

Group A

Assignment No: 10

Title of the Assignment:

Data Visualization III

Download the Iris flower dataset or any other dataset into a DataFrame. (eg <https://archive.ics.uci.edu/ml/datasets/Iris>). Scan the dataset and give the inference as:

1. How many features are there and what are their types (e.g., numeric, nominal)?
2. Create a histogram for each feature in the dataset to illustrate the feature distributions.
3. Create a boxplot for each feature in the dataset.

Compare distributions and identify outliers.

Objective of the Assignment: Students should be able to perform the data

Visualization operation using Python on any open source dataset

Prerequisite:

1. Basic of Python Programming
 2. Concept of Data Preprocessing, Data Types
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Assignment Question:

1. Explain the methods how to features extraction functions and what are their types.
2. Explain Histogram Plot in details
3. Explain about the Boxplot in details.