Group A Assignment No. 10

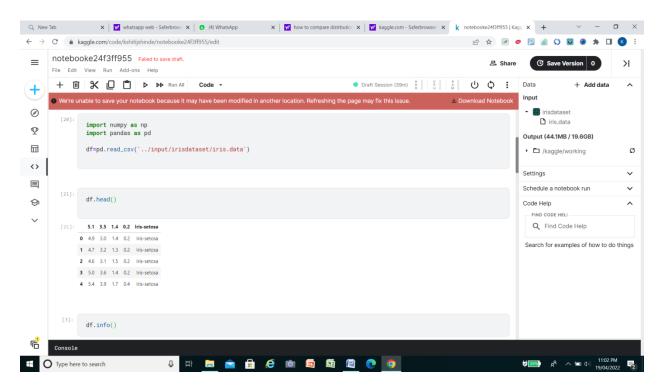
Aim: Data Visualization III

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

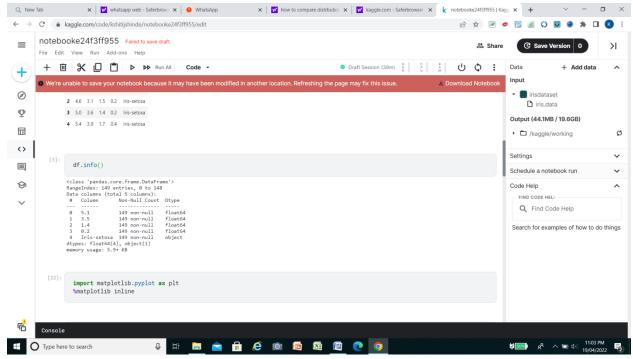
- 1. List down the features and their types (e.g., numeric, nominal) available in the dataset.
- 2. Create a histogram for each feature in the dataset to illustrate the feature distributions.
- 3. Create a box plot for each feature in the dataset.
- 4. Compare distributions and identify outliers.

Solⁿ:

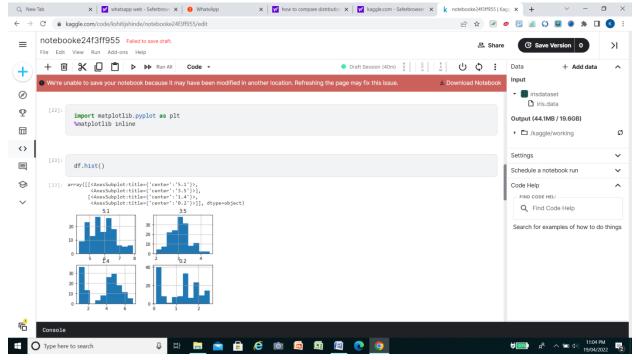
OUTPUT:



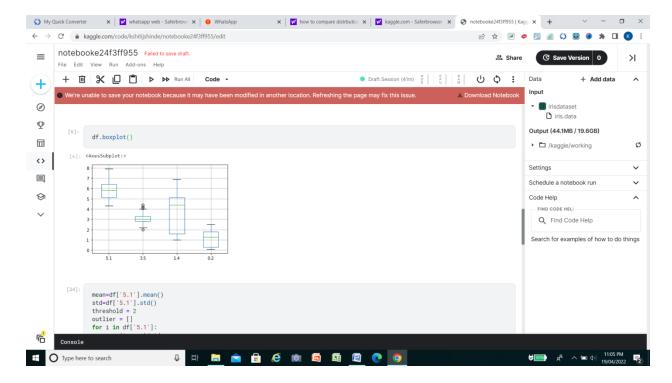
1. List down the features and their types (e.g., numeric, nominal) available in the dataset.



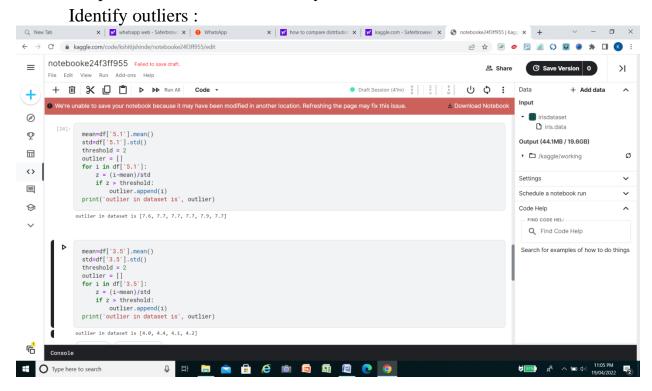
2. Create a histogram for each feature in the dataset to illustrate the feature distributions.

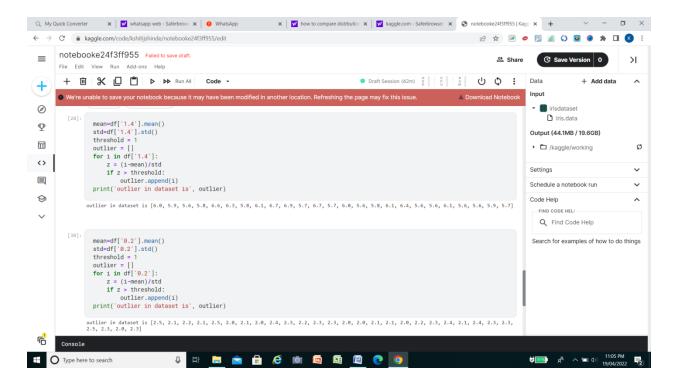


3. Create a box plot for each feature in the dataset.

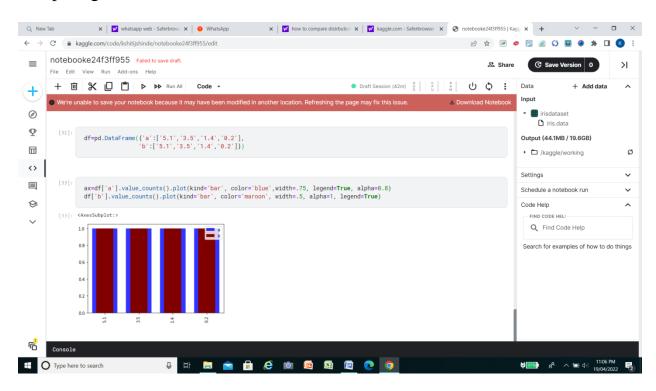


4. Compare distributions and identify outliers.



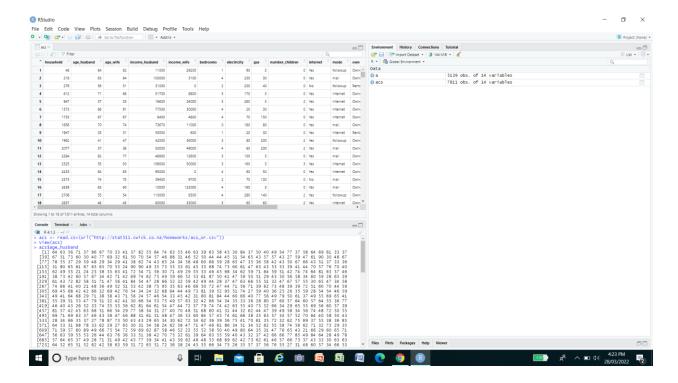


Comparing distributions:

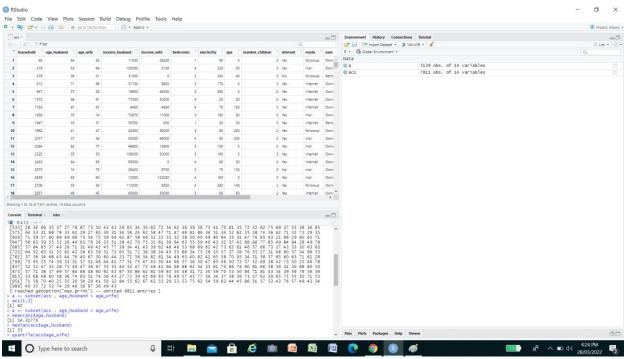


OUTPUT IN RSTUDIO:

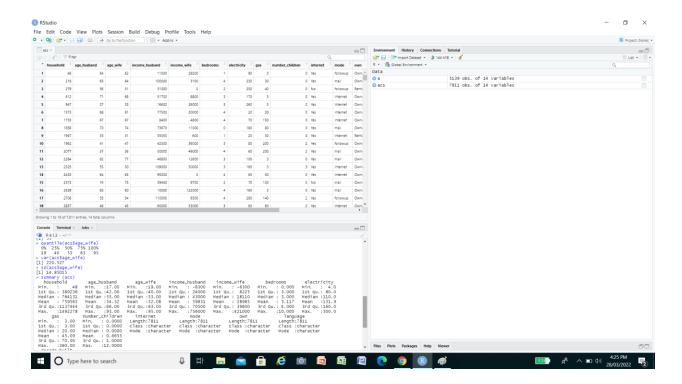
1. Importing dataset:



2. Transforming Data:



3. Getting Statistical Averages from data:



4. Plotting Data:

