**R Programming (Lab Exercises 4)**

1. [Steps in Data Preprocessing](https://www.section.io/engineering-education/data-preprocessing-in-r/#steps-in-data-preprocessing) with sample dataset (Dataset.csv)

* [Step 1: Importing the Dataset](https://www.section.io/engineering-education/data-preprocessing-in-r/#step-1-importing-the-dataset)
* [Step 2: Handling the Missing Data](https://www.section.io/engineering-education/data-preprocessing-in-r/#step-2-handling-the-missing-data)
* [Step 3: Encoding Categorical Data.](https://www.section.io/engineering-education/data-preprocessing-in-r/#step-3-encoding-categorical-data)
* [Step 4: Splitting the Dataset into the Training and Test sets](https://www.section.io/engineering-education/data-preprocessing-in-r/#step-4-splitting-the-dataset-into-the-training-and-test-sets)
* [Step 5: Feature Scaling](https://www.section.io/engineering-education/data-preprocessing-in-r/#step-5-feature-scaling)

1. Write R Script for working with iris data and see the output in console

* SIZE and Structure of Data
* Attributes of Data
* Check first row of Data
* Check first column of data The First 10 values of Sepal.Length
* Function summary()
* Mean, Median, Range and Quartiles
* Variance and Histogram, Plot Density,table,Piechart,Barchart
* Correlation
* Boxplot
* Scatter Plot
* Matrix of Scatter plot
* 3D Scatter plot
* Heat Map
* Visualization with Package ggplot2



