Inhouse Internship (2021-22) Group ID: IP23

Project Title: Applicant Eligibility System

**Name of student Roll No. Signature**

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| Week no. | Description |
| 1 | * Identified the features and class label * Downloaded public dataset (Campus recruitment) from Kaggle [1] * Analyzed the dataset and identified the pattern of dataset from data values |
| 2 | * Loaded the dataset and converted into data frame using Pandas library * Performed statistical analysis of dataset * Preprocessed the dataset by eliminating null values   and duplicate data points   * Mapped the textual values into numerical sequence by using Sci-kit learn library * Performed dimensionality reduction * Visualized the dataset to check whether the dataset is balanced dataset * Plotted box-plot graph of extracted features to identify the outliers (<0% and >100%) * Identified the correlation among the features by using seaborn heatmap and scatterplot |

**Reference:-**

* https://www.kaggle.com/benroshan/factors-affecting-campus-placement