**Assignment**

1. Use the loan prediction dataset csv file and perform EDA analysis for the loan prediction.

Do list of activities:

1. Read the CSV data using pandas library.
2. Print the full data set.
3. Print the total number of rows and columns.
4. Print number of rows only.
5. Print number of columns only.
6. Print the first five records.
7. Print the last five records.
8. Print the all non-null columns using info().
9. Print all column names.
10. Print all datatypes of respective column names.
11. Print the descriptive statistics of data frame.
12. Print the sum of NAN values.
13. Plot the necessary graphs for data visualization like heatmap, countplot.
14. Fill the NAN values, compute mean of the column, and apply it.
15. Convert the string values into categorical features using pd.get\_dummies()
16. Concatenate the categorical features to the existing dataset.
17. Print the independent and dependent variable.