**Loan Eligibility Prediction**

**Problem Statement :**

In a Simple Term, Company wants to make automate the Loan Eligibility Process in a real time scenario related to customer's detail provided while applying application for home loan forms.

**Project Overview :**

* Import packages :

load the dataset with the read\_csv() method from pandas package. It converts the data set to a python dataframe.

* Gathering data :

display the some few information from our large datasets.information about the overall dataset .

* Descriptive Analysis:

condense and expain the dataset. Calculate descriptive statistic such as mean, median, mode of loan category.

**Exploratory data analysis :**

* In this section, We learn about extra information about data and it's characteristics.First of all, We explore object type of data So let's make a function to know how many types of values available in the column.

**Data visualization:**

* In this section,showing the visual information from the dataset, For that we need some packages that are matplotlib and seaborn.
* Data visualize with the help of the charts,bar ghraps to better understanding.

**Training the ML model:**

### **Before fitting the model, We need to decide how many feature are available for testing and training, then after complete this step. fitt the model.**

**Predict Model:**

* Perdict the model using the methods and also count the statistics for better understanding
* Calculate the accuracy of given project.