### Description

Context

Objective of the work is to automate the loan eligibility process (real time) based on customer detail provided while filling online application form. These details are Gender, Marital Status, Education, Number of Dependents, Income, Loan Amount, Credit History and others.

Content

The data repository contains two files one is \*train\_csv \* to train the model and the other is \*test.csv \* to predict the outcome from the trained dateset.

This dateset was downloaded from AV website for practicing the eligibility of granting Home loan.For further details please visit the website.  
<https://datahack.analyticsvidhya.com/contest/practice-problem-loan-prediction-iii/#ProblemStatement> .

Finally submit the submission file in csv format contains two variable .  
1.Loan*ID : Unique Loan ID of Customers. 2.Loan*Status : loan Approved (Y/N)

Acknowledgements

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Inspiration

1. To build a binary classification model to predict the outcome.
2. Perform Exploratory Data Analysis (EDA) and Data PreProcessing.
3. Model building and Validation.
4. Perform Feature engineering for better accuracy.