Data Analysis on Loan Prediction

**Abstract**

Loan prediction is a very common real-life problem that each retail bank faces at

least once in its lifetime. If done correctly, it can save a lot of man hours at the end of a retail bank. If Company wants to automate the loan eligibility process (Realtime) 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. To automate this process, they have given a problem to identify the customers segments, those are eligible for loan amount so that they can specifically target these customers. we have to predict whether a loan would be approved or not. In a classification problem, we have to predict discrete values based on a given set of independent variables.