

## Dataset Description

This dataset captures the factors that lenders (especially Banks) look at while considering a Loan Application in order to predict whether a person will default payments or not. The data is composed of several features that looks into Applicant & Financial Health , Collateral & Security, Loan Nature & Risk Design, Credit Profile Depth and many more.

## Attribute Description

- **ID** = Customer ID of Applicant
- **year** = Year of Application
- **loan\_limit** = maximum available amount of the loan allowed to be taken
- **Gender** = sex type
- **approv\_in\_adv** = Is loan pre-approved or not
- **loan\_type** = Type of loan
- **loan\_purpose** = the reason you want to borrow money
- **Credit\_Worthiness** = is how a lender determines that you will default on your debt obligations, or how worthy you are to receive new credit.
- **open\_credit** = is a pre-approved loan between a lender and a borrower. It allows the borrower to make repeated withdrawals up to a certain limit.
- **business\_or\_commercial** = Usage type of the loan amount
- **loan\_amount** = The exact loan amount
- **rate\_of\_interest** = is the amount a lender charges a borrower and is a percentage of the principal—the amount loaned.
- **Interest\_rate\_spread** = the difference between the interest rate a financial institution pays to depositors and the interest rate it receives from loans
- **Upfront\_charges** = Fee paid to a lender by a borrower as consideration for making a new loan
- **term** = the loan's repayment period
- **Neg\_ammortization** = refers to a situation when a loan borrower makes a payment less than the standard installment set by the bank.
- **interest\_only** = amount of interest only without principles
- **lump\_sum\_payment** = is an amount of money that is paid in one single payment rather than in installments.
- **property\_value** = the present worth of future benefits arising from the ownership of the property
- **construction\_type** = Collateral construction type
- **occupancy\_type** = classifications refer to categorizing structures based on their usage
- **Secured\_by** = Type of Collateral
- **total\_units** = number of units
- **income** = refers to the amount of money, property, and other transfers of value received over a set period of time
- **credit\_type** = type of credit
- **co-applicant\_credit\_type** = is an additional person involved in the loan application process. Both applicant and co-applicant apply and sign for the loan
- **age** = applicant's age
- **submission\_of\_application** = Ensure the application is complete or not
- **LTV** = life-time value (LTV) is a prognostication of the net profit
- **Region** = applicant's place
- **Security\_Type** = Type of Collateral
- **status** = Loan status (Approved/Declined)
- **dtir1** = debt-to-income ratio