**Code Book for Loan Application Dataset**

1. **Introduction:**

This code book provides information on the dataset variables related to loan applications. It will define each variable, explain its meaning.

**Variables:**

1. Loan\_ID:

* Type: Categorical (Nominal)
* Description: A unique identification number assigned to each loan application.

2. Gender:

* Type: Categorical (Nominal)
* Description: Gender of the applicant.

3. Married:

* Type: Categorical (Nominal)
* Description: Marital status of the applicant.

4. Dependents:

* Type: Categorical (Ordinal)
* Description: Number of people dependent on the applicant.

5. Education:

* Type: Categorical (Nominal)
* Description: Educational qualification of the applicant.

6. Self\_Employed:

* Type: Categorical (Nominal)
* Description: Whether the applicant is self-employed or not.

7. ApplicantIncome:

* Type: Numerical (Continuous)
* Description: Monthly income of the applicant.

8. CoapplicantIncome:

* Type: Numerical (Continuous)
* Description: Monthly income of the coapplicant.

9. LoanAmount:

* Type: Numerical (Continuous)
* Description: Loan amount requested by the applicant.

10. Loan\_Amount\_Term:

* Type: Numerical (Continuous)
* Description: The term (in months) for the loan amount.

11. Credit\_History:

* Type: Categorical (Nominal)
* Description: Credit history of the applicant.

12. Property\_Area:

* Type: Categorical (Nominal)
* Description: Type of the area where the property for which loan is sought is located.

13. Loan\_Status:

* Type: Categorical (Nominal)
* Description: Status of the loan application.