| **Variable** | **Description** |
| --- | --- |
| Loan\_ID | Unique Loan ID |
| Gender | Male/ Female |
| Married | Applicant married (Y/N) |
| Dependents | Number of dependents |
| Education | Applicant Education (Graduate/Undergraduate) |
| Self\_Employed | Self employed (Y/N) |
| ApplicantIncome | Applicant income |
| CoapplicantIncome | Coapplicant income |
| LoanAmount | Loan amount in thousands |
| Loan\_Amount\_Term | Term of loan in months |
| Credit\_History | Credit history meets guidelines |
| Property\_Area | Urban/ Semi Urban/ Rural |
| Loan\_Status | Loan approved (Y/N) |

**Loan Prediction**

**# Print data types for each variable train.dtypes**

**Loan\_ID object**

**Gender                object**

**Married               object**

**Dependents            object**

**Education             object**

**Self\_Employed         object**

**ApplicantIncome        int64**

**CoapplicantIncome    float64**

**LoanAmount           float64**

**Loan\_Amount\_Term     float64**

**Credit\_History       float64**

**Property\_Area         object**

**Loan\_Status           object**

**dtype: object**

Different types of variables are Categorical, ordinal and numerical.

* Categorical features: These features have categories (Gender, Married, Self\_Employed, Credit\_History, Loan\_Status)
* Ordinal features: Variables in categorical features having some order involved (Dependents, Education, Property\_Area)
* Numerical features: These features have numerical values (ApplicantIncome, CoapplicantIncome, LoanAmount, Loan\_Amount\_Term)