

**Goal: Prediction of loan status using certain features.**

**How loan status will be decided?**

To train our classifier, we'll use data from previous loan applications and their statuses.

**Information about the data:**

- Data has 14 columns and 614 rows.
- Calculated counts of each entry from the respective feature.
- Calculated count of unique entries from the features.
- Missing values are present.

**Visualization of Categorical Features:**

- Plotted distribution of categorical features.

**Data Pre-processing:**

- Data is encoded.
- Missing values are replaced.

**Splitting of Data:**

Data is split with a test size of 10%.

**Building of Classifier:**

Support Vector Machine classifier is prepared.