# SMART LENDER – APPLICANT CREDIBILITY PREDICTTION FOR LOAN APPROVAL

#### **PROJECT FLOW**

- 1) Install Required Libraries.
- 2) Data Collection:
  - Collect the dataset or create the dataset.
- 3) Data Preprocessing:
  - Import the Libraries.
  - Importing the dataset.
  - Understanding Data Type and Summary of features.
  - Take care of missing data.
  - Data Visualization.
  - Drop the column from Data Frame & replace the missing value.
  - Splitting the Dataset into Dependent and Independent variables.
  - Splitting Data into Train and Test.

## 4) Model Building:

- Training and testing the model.
- Evaluation of Model.
- Saving the Model.

## 5) Application Building:

- Create an HTML file.
- Build a Python Code.

#### 6) Final UI:

• Dashboard Of the flask app.