

Project Flow

Team ID	PNT2022TMID13933
Project Name	Smart Lender-Applicant Credibility Prediction for Loan Approval

1. Installing Required Libraries.2.Data

Collection.

- ➔ Collect the dataset

3. Data Preprocessing.

- ➔ Importing the Libraries.
- ➔ Importing the dataset.
- ➔ Understanding Data Type and Summary of features.
- ➔ Taking 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

- ➔ Decision Tree Model
- ➔ Random Forest Model
- ➔ KNN Model
- ➔ Xgboost Model
- ➔ Comparing The model
- ➔ Evaluating Performance of the model
- ➔ Saving The Model

5. Application Building

- ➔ Building Html Pages
- ➔ Build Python Code
- ➔ Run the Application

6. Final UI

- ➔ Dashboard Of the flask app.

6. Train The Model on IBM

- ➔ Registering For IBM
- ➔ Training The ML Model On IBM
- ➔ Integrate Flask With Scoring End Point



