

Project Flow

Smart Lender-Applicant Credibility Prediction for Loan Approval

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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.

7. Train The Model on IBM

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

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