PROJECT FLOW

Smart Lender-Applicant Credibility Prediction For Loan Approval
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1. **Install Required Libraries.**

2. **Data Collection**

   Create the dataset

3.. **Data Preprocessing**.

   1 Import the Libraries.
   2 Importing the dataset.
   3 Understanding Data Type and Summary of features.
   4 Take care of missing data
   5 Data Visualization.
   6 Drop the column from the Data Frame & replace the missing value.
   7 Splitting the Dataset into Dependent and Independent variables
   8 Splitting Data into Train and Test.

4.**Model Building**

   1. Decision Tree Model
   2. Random Forest Model
   3. KNN   Model

5. **Application Building**

   1. Build a HTML file
   ·   2. Build a Python Code

6.**Final UI**

   Dashboard Of the flask app.

Project Flow

Original Dataset → Data Preprocessing ← Standard Dataset

Data Preprocessing → LCPS using random forest Algorithm

Data Preprocessing → LCPS using proposed Algorithm

LCPS using random forest Algorithm / LCPS using proposed Algorithm → Compare the Accuracy of two models

Compare the Accuracy of two models → Determines Safe or risky Customer using the best model