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.

6. Train The Model on IBM

- Registering For IBM

- Training The ML Model On IBM

- Integrate Flask With Scoring End Point

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