PROJECT FLOW

Smart Lender - Applicant Credibility Prediction for Loan Approval

TEAM ID: PNT2022TMID35292

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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