

Project Flow

Team ID	PNT2022TMID52913
Project Name	Smart Lender - Applicant Credibility Prediction For Loan Approval

Project Flow:

- Best ML model chosen.
- Model trained and tested with our dataset.
- Interactive website created.
- Trained model file integrated with website.

To accomplish this, steps involved are:

- Installing Required Libraries for the model.
- Data Acquiring.
 - Collect the dataset
- Data Pre-processing.
 - Importing the Libraries.
 - Downloading the dataset.
 - Understanding the Dataset 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.
- Model Building
 - Naive Bayes Model
 - Decision Tree Model
 - KNN Model
 - Comparison of models
 - Evaluating the performance of models
 - Saving the models
- Application Building
 - Building Html Pages
 - Build Python Code
 - Run the Application
- Final UI
 - Dashboard Of the flask app.
- Train the Model on IBM
 - Registering For IBM
 - Training The ML Model On IBM
 - Integrate Flask with Scoring End Point

FLOW CHART:

