Project Flow
Smart Lender-Applicant Credibility Prediction
for Loan Approval
Team ID: <u>IBM-Project-19332-1659696311</u>

1. Installing Required Libraries.

2. Data Collection.

❖ Collect the Dataset

3. Data Pre-Processing

❖ 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

PROJECT FLOW: