

PROJECT OBJECTIVE

Smart Lender - Applicant Credibility Prediction For Loan Approval

Team ID: PNT2022TMID06350

The main objective of this Project is to compare the Loan prediction models made using various algorithms and choose the best one out of them that can shorten the loan approval time and decrease the risk associated with it. It is done by predicting if the loan can be given to that person on the basis of various parameters like credit score, income, age, marital status, gender, etc.

The Prediction model not only helps the applicant but also helps the bank by minimizing the risk and reducing the number of defaulters.

Technical aspects that we would get if we complete this project:

1. Knowledge of Machine Learning Algorithms.
2. Knowledge of Python Language with Machine Learning.
3. Understand about Classification and regression problems.
4. Know about pre-processing/clean the data using Different data preprocessing techniques.
5. Applying different algorithms according to the dataset and based on visualization.
6. Real-Time Analysis of Project.
7. Building ease of User Interface (UI).
8. Navigation of ideas towards other projects (creativity).

9. Knowledge of building ML models.

10 . Build web applications using the Flask Framework.