

Project Objectives

SMART LENDER - APPLICANT CREDIBILITY PREDICTION FOR LOAN

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Project objective:

This project's major goal is to analyze the loan prediction models created using multiple algorithms and select the one that can speed up loan approval while lowering the risk involved.

On the basis of factors like credit score, income, age, marital status, gender, and other considerations, it is determined if the loan can be granted to the individual.

By reducing risk and the amount of defaulters, the prediction model benefits both the applicant and the bank.

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 problem.
4. know about pre-processing/clean the data using different data pre-processing 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.