Project outline and proposal

Outline:

The loan prediction problem involves predicting whether or not a loan applicant will be able to repay their loan based on a variety of factors such as their credit history, employment status, and loan amount. This problem is important for banks and other financial institutions as it helps them assess the risk associated with a particular loan and make informed decisions about lending. In this project, we explore different machine learning models and techniques for loan prediction and evaluate their performance using various metrics such as accuracy, precision, and recall. Our goal is to build a model that can accurately predict loan defaults and help financial institutions make better lending decisions.

Proposal:p

The goal is to build a machine learning model that can accurately predict whether a loan application should be approved or rejected, based on these factors.

Input variables include various features such as the applicant's income, age, loan amount, employment status, etc.

The model will apply different machine learning (Classification) Algorithm [Logistic Regression, Decision Tree, Random Forest and etc.