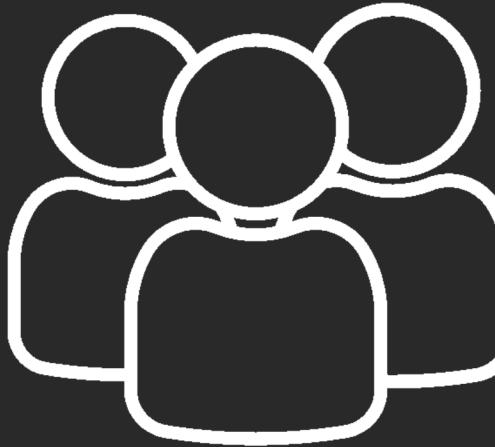


# LOAN APPROVAL PREDICTOR



An AI Mini Project



# Meet our Team Members

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# Abstract



This project aims to develop a machine learning model that can predict whether a loan applicant will be approved or rejected. The model is trained on a dataset that contains information on loan applicants, such as their income, credit score, loan amount, employment status, and other relevant factors. The project involves data cleaning, preprocessing, feature selection, and model training using machine-learning algorithms. The project's ultimate goal is to create an accurate loan approval predictor that can assist lenders in making informed decisions about loan approvals.



# Problem Statement

The problem with the traditional loan approval process is that it relies heavily on manual assessments, which can be subjective and slow, leading to delays in loan approval. As a result, there is a need for an automated loan approval predictor that can assist lenders in making quick and accurate decisions.

# Objectives

- To create a machine learning loan approval prediction model.
- To automate the loan approval process.
- To reduce the time and cost of loan approvals while ensuring that loans are only approved to borrowers who are likely to pay them back.



# Scope of the project



## OBJECTIVE DECISION-MAKING

The loan approval predictor model is not subject to human biases and can make objective loan approval decisions based on relevant factors such as income, credit score, and employment status.

## REDUCED RISK

The loan approval predictor model can help lenders reduce the risk of default by identifying potential high-risk borrowers and denying them loans.

## INCREASED CUSTOMER SATISFACTION

The loan approval predictor model can provide customers with a faster and more convenient loan approval process. It can also help borrowers who would have been rejected using traditional loan approval methods obtain loans.

# References

- (PDF) THE LOAN PREDICTION USING MACHINE LEARNING  
(researchgate.net)<https://realpython.com/django-setup/>
- Loan Prediction Project TermPaper ([deepnote.com](http://deepnote.com))

# Thank you

