IBM Nalaiya Thiran: Data and Applied Science Project









Difficulty Intermediate

This project planning explains the libraries we use and key roles, gameplay and approach towards this project, this project mainly focuses on getting high accuracy, give useful insights for stakeholders to take data driven decision of loan credibility.





Applicant Credibility Prediction for Loan Approval

A group project to implement data science project to detect whether a applicant is eligible to apply loan. by using machine learning algorithm.

Background Information

Motive of this Project is to implement loan approval based on applicant monthly or yearly income and other applicant details to make sure whether he/she is eligible to take loan.

1. Numpy Basics

Helpful Links Press Open Link

2. Plotly

3. Xgboost

basics

Key Players

Project Leader Chirumamilla Arjun

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Project Member Devanathan R

Project Member Dabbugunta Yaswanth

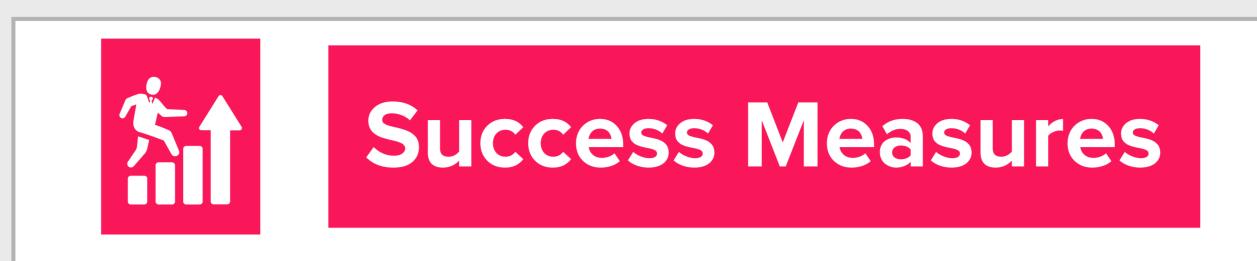
Project Member

Devarala Praveen Kumar

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- 1. Collect Big Data From IBM mentors or websites like kaggle,google,etc.
- 2. Perform Big Data storing, Cleaning, Big data analysis using lib like numpy, pandas, plotly.
- 3. Perform MLOPs cycle and use advanced Algorithms like gradient boosting by xgboost,etc.
- 4. Use aws ,azure or ibm cloud tech to deploy and do further frontend development.



- 1. Proper Planning and executing.
- 2. Srong support from IBM Team Providing Big data and proper Guidance to complete this project.
- 3. Using Required Libraries and avoid explicity of coding while developing this project.
- 4. Using testing techniques like a/b testing, etc.

