

# G.Narayanamma Institute of Technology & Science

(For women)

(Approved by AICTE, Affiliated To JNTUH, Accredited by NBA & NAAC)

(An ISO 9001:2015 Certified Institution)

Shaikpet, Hyderabad – 500 104

Department of Computer Science & Engineering



## PREDICTING CREDIT CARD APPROVALS

BY

Akithi Likhitha (19251A0503)

Daripalli Aparna (19251A0519)

Gaddam Sushma (19251A0525)

Gayatri Shambhu Shastri (19251A0526)

*M. S. S. S.*

# ABSTRACT

Commercial banks receive a lot of applications for credit cards. Many of them get rejected for many reasons, like high loan balances, low income levels, or too many inquiries on an individual's credit report, for example. Manually analyzing these applications is mundane, error-prone, and time-consuming (and time is money!). Luckily, this task can be automated with the power of machine learning. Hence, we will build an automatic credit card approval predictor using machine learning techniques and deploy it.

This project aims to detect, analyze and predict the reasons for approval/disapproval of credit cards using dataset.

Languages and Technology: Python, Machine Learning, HTML, CSS, JavaScript, Bootstrap, Flask

## SYSTEM REQUIREMENTS:

### Software Requirements:

Platform	- Microsoft Windows
Front End	- HTML, CSS, JavaScript, Bootstrap
Development Tool	- Visual Studio Code, Jupyter Notebook
Back End	- Flask , Streamlit
Data Visualisation	- Tableau

### Hardware Requirements:

Name of the Processor-	Intel(R) Core(TM) i5-1035G1 CPU @ 1.00GHz 1.19 GHz
Hard Disk Capacity	- 8.00 GB
RAM Capacity	- 8.00 GB