

Domain: Machine Learning

Batch No: B12



G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

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Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project
on "Credit Card Fraud Detection"

ABSTRACT

Credit card fraud detection is presently the most frequently occurring problem in the present world. This is due to the rise in both online transactions and e-commerce platforms. Credit card fraud generally happens when the card was stolen for any of the unauthorized purposes or even when the fraudster uses the credit card information for his use, causing a huge loss to the card holder.

The purpose of this project is to detect the fraudulent transactions made by credit cards by the use of machine learning techniques, to stop fraudsters from the unauthorized usage of customer's accounts. The Credit card fraud transaction detection system aims to identify abnormal transactions with high accuracy by analyzing user's pattern of usage, location of transactions and payment information in real time. This would have a positive impact on the customers as their money would be safe in their accounts which is the main goal of the project.

H/W and S/W Requirements:

- INTEL CORE i5 processor, Hard disk-512 GB, 8 GB RAM
- Windows 11, Python

*Dept R&D: NO

*If No: GNITS



21251A0578
Jangam Bhavana
bhavanajangam4@gmail.com
9885469439



21251A05A8
K. Sahithi
sahithikarnati409@gmail.com
9398069874

PRINCIPAL

G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)
Shaikpet, Hyderabad - 500 104.

Head of Department

Project Coordinator