ONLINE PAYMENTS FRAUD DETECTION USING WITH MACHINE LEARNING:

To build an application that can detect the legitimacy of the transaction in real-time and increase the security to prevent fraud.

By

(Marri yashmitha)

(Manthina raja rishika)

(Kutagulla safa)

Guided by

Prof. Ms swetha raj

A Dissertation Submitted to
SRI VENKATESWARA COLLEGE OF
ENGINEERING AND TECHNOLOGY, An
Autonomous Institution affiliated to
'JNTU Ananthapur' in Partial Fulfilment of
the Bachelor of Technology branch of
Computer science and Engineering

May 2024

SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

R.V.S. Nagar Tirupathi Road, Andhra Pradesh– 517127

PROJECT FLOW:

1.Credit card froud detection

   Immediate classifier

2. Reasearch contribution

   Challenge and motivation

3.dataset used

4.pre -processing of data

   Standardaisation

5.proposed work

    Model bulding

     Logistic regression

     Nearset neighbors

     Navie bayas

     Decision tree

     Random forest

     Svm

     XGboost

    Imbalanced classifier

     Random under sampling

     Random oversampling

     SMOTe

6. Results

Accuracy,precision ,recall,and f1 score

Model performance

7.online froud detection using python