

Project Title :- Card Security Monitor

Domain :- Machine Learning using Python

ABSTRACT :-

As the payment method is simplified by the combination of the financial industry and IT technology, the payment method of consumers is changing from cash payment to electronic payment using credit card, mobile micropayment, and app card. As a result, the number of cases in which anomalous transactions are attempted by abusing e-banking has increased and financial companies started establishing a Fraud Detection System (FDS) to protect consumers from abnormal transactions. By leveraging advanced technologies such as machine learning behavioral analytics, and real-time alerts, card security monitors can detect and prevent suspicious activities. The challenge is to recognize fraudulent credit card transactions so that the customers of credit card companies are not charged for items that they did not purchase. The model will be trained on a dataset of credit card transactions and the goal is to improve the precision of predicting.