**CREDIT CARD FRAUD ANALYSIS USING**

**PREDICTIVE MODELING**

**ABSTRACT:**

The finance and banking is very important sector in our present day generation, almost everyone has to deal with it either physically or online. Nowadays, most of the transactions are done through online. Billions of dollars of loss are caused every year by credit card transactions. In this, we proposed that fraud detection is a critical problem affecting large financial companies that have increased due to the growth in credit card transactions. This view presents detection of frauds in credit card transactions, using data mining technique of Predictive modeling. The data set contains credit card transaction of cardholders. The design of this efficient fraud analysis algorithm is key for reducing the losses and more and more algorithms rely on advanced machine learning techniques to assist fraud investigators.

G. Ananth Nath