Abstract

The wide emergence of electronic-commerce has widened the extensive usage of credit card for online transactions. However, there is also a high rise in malicious transaction and fraudulent associated with the credit cards. In this study we present several models and algorithm used in data mining for the detection of such malicious fraudulents or thefts. Such algorithm learns the transaction patterns and cluster the pattern of sequences usually involving with the processing of transactions to inhibit such malicious transactions made in the future.
References

A Survey of Fraud Detection Techniques for Credit Card based Transaction Processing

- Phua, C., Gayler, R., Lee, V., & K Smith. 2006. On the Approximate Communal Fraud Scoring of Credit Applications, Proceedings of Credit Scoring and Credit Control IX.
- Siddiqi, N. 2006. Credit Risk Scorecards: Developing And Implementing Intelligent Credit Scoring, John Wiley &Sons, USA.

Index Terms

Computer Science

Security

Keywords

Online Transactions  Credit Card  Credit Card Fraud  Detection Techniques  Credit Bureaux  Data Mining Techniques
A Survey of Fraud Detection Techniques for Credit Card based Transaction Processing

Fraud Detection