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

References

- Caminer, B. 1985. \textquotedblleft Credit card Fraud: The Neglected Crime\textquotedblright;, The Journal of Criminal Law and Criminology, 7; 746-763.
- Chan, P., Fan, W. Prodromidis, A. & S Stolfo. 1999. \textquotedblleft Distributed Data Mining in Credit Card Fraud Detection\textquotedblright;, IEEE Intelligent Systems, 14; 67-74.
- Dorronsoro, J. Ginel, F. Sanchez, C. & C Cruz. 1997. \textquotedblleft Neural Fraud Detection in Credit Card Operations\textquotedblright;, IEEE Transactions on Neural Networks, 8; 827-834.
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Index Terms

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Keywords

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Data Mining Techniques
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