Abstract

We propose a algorithm to hiding association rules on data mining. We make a target data table without joining the multiple tables using the hiding association rules. Hiding association rules joined data table and all dimension tables, it is reduce support and confidence in multi relational data mining. Association analysis is a powerful and popular tool for discovering relationships hidden in large data sets. We can modify transaction data item sets.
References

- Shyue-Liang Wang and Tzung-Pei Hong; Yu-Chuan Tsai, Hung-Yu Kao; Multi-table Association Rules Hiding; 2nd International conference on Intelligent system design and application, pp. 1298-1302, 2010.
- Yogendra Kumar Jain, Vinod Kumar Yadav, Geetika S. Panday; An Efficient Association Rule Hiding Algorithm for Privacy Preserving Data Mining; International Journal on Computer Science and Engineering (IJCSE), vol. 3, pp. 2792-2798, 2011
- Yuhong Guo; Reconstruction-Based Association Rule Hiding; IEEE computer society, 2007

Index Terms

Computer Science Algorithms
Keywords
Data Mining  Association Rules Hiding  Minimum Confidence  Minimum Support