Abstract

In recent years, the use of data mining techniques and related applications has increased a lot as it is used to extract important knowledge from large amount of data. This has increased the disclosure risks to sensitive information when the data is released to outside parties. Database containing sensitive knowledge must be protected against unauthorized access. Seeing this it has become necessary to hide sensitive knowledge in database. To address this problem, Privacy Preservation Data Mining (PPDM) include association rule hiding method to protect privacy of sensitive data against association rule mining. In this paper, we survey existing approaches to association rule hiding, along with some open challenges. We have also summarized few of the recent evolution.

References

Data Engineering Exchange Workshop (KDEX 1999), pp. 45-52.
A Survey on Association Rule Hiding Methods


Index Terms

Computer Science

Data Mining

Keywords

Data mining    Privacy preserving data mining