Abstract

The development in data mining technology brings serious threat to the individual information. The objective of privacy preserving data mining (PPDM) is to safeguard the sensitive information contained in the data. The unwanted disclosure of the sensitive information may happen during the process of data mining results. In this paper we identify four different types of users involved in mining application i.e. data source provider, data receiver, data explorer and determiner decision maker. We differentiate each type of user’s responsibilities and privacy concerns with respect to sensitive information. We'd like to provide useful insights into the study of privacy preserving data mining.
Privacy Preservation for Data Mining Security Issues

References

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Index Terms

Computer Science  Security

Keywords

Anonymization  Datamining  Sensitive Information  Privacy Preserving Data Mining  Provenance.