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Privacy-Preserving Data Mining:  
Models and Algorithms

**Privacy-Preserving Data Mining:**  
Models and Algorithms

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Philip S. Yu  
Editors

Advances in hardware technology has increased the capability to store and record personal data about consumers and individuals. This, in turn, has led to concerns that personal data may be misused for a variety of purposes.

*Privacy Preserving Data Mining: Models and Algorithms* proposes a number of techniques to perform the data mining tasks in a privacy-preserving way that alleviate these concerns. These techniques generally fall into the following categories: data modification techniques, cryptographic methods & protocols for data sharing, statistical techniques for disclosure and inference control, query auditing methods, randomization and perturbation-based techniques.

*Privacy Preserving Data Mining: Models and Algorithms* is an edited volume by distinguished world class leaders in the field. Each chapter includes a survey, which contains the key research content on the topic and future directions of research in this field. This volume is designed for researchers, professors and graduate-level students and practitioners in industry.

# Privacy-Preserving Data Mining: Models and Algorithms

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