Abstract

Protecting privacy in microdata publishing is K-Anonymity. Here recoding “models” have been considered for achieving k anonymity[1,2]. We propose a new multidimensional model, which gives high flexibility. Often this flexibility leads to higher-quality anonymizations, as measured both by general-purpose metrics and more specific notions of query answerability. Like previous multidimensional models anonymization is NP-hard. However, we introduce a simple greedy approximation algorithm, It leads to more desirable anonymizations than single-dimensional
models.

Reference


Index Terms

Computer Science      Security

Key words
K-Anonymity