Abstract

Almost all countries have imposed strict laws on the disclosure of Personally Identifiable Information (PII). However, PII need to be published for many purposes like research. In such cases, we apply different types of methods like anonymization, encryption etc. This paper discusses about the different methods of anonymization of tabular microdata. The most popular method of data anonymization of tabular data is k-anonymity. However, it suffers from many attacks and hence l-diversity was proposed. The l-diversity anonymization also possessed various limitations and hence t-closeness was proposed. This paper summarizes these anonymization techniques and their limitations.

References

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Index Terms

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Keywords
Data anonymization, k-anonymity, l-diversity, t-closeness