

Data Privacy Project

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Abstract

The aim of our project is to anonymize Time Series Data to prevent them against linkage attacks and to preserve the pattern with the help of K-P- Anonymity algorithm. Some libraries that we used in implementation are NumPy, Pandas, Loguru and Saxpy.

Introduction

A sequence of observations indexed by the time of each observation is called a time series. Time Series data have a very complex structure. They are used for various purposes such as forecasting or prediction study of underlying processes in healthcare pattern discovery and so on. Therefore, when transforming/anonymizing time series data, the anonymized data should be useful and provide accurate results in these applications.