ABSTRACT*----With the rapid advance of the Internet, there is remarkable growth in the amount of data that can be collected from different sites or organizations. Huge volumes of Data collected in this manner also include sensitive data about individuals. Privacy is an important issue in many data mining applications. The actual anxiety of people is that their private information should not be misused behind the scenes without their knowledge. The simplest solution to this problem is to completely hide the sensitive data that is to preserve the privacy.

A time-series is a sequence of real numbers representing values at specific time points. Moreover, time-series data usually have the characteristics of changes in data values over time. Time-series data can be easily converted to other forms of data by using some data perturbation techniques.

Preserving privacy is an important issue in publishing time-series data. Here we have discussed an algorithm for preserving privacy of time-series data. At first, the algorithm divides the data into various clusters. Then noises are added to each element of all the clusters based on the maximum value of each cluster. Finally, the values so obtained are shifted in a user-defined range. It was found that the algorithm has preserved much privacy and the original values cannot be revealed.*

Keywords*- privacy, Time-series, cluster, noise, range-shift*