Abstract

Concern about national security has increased after the 26/11 Mumbai attack.. In this paper we look at the use of missing value and clustering algorithm for a data mining approach to help predict the crimes patterns and fast up the process of solving crime. We will concentrate on MV algorithm and Apriori algorithm with some enhancements to aid in the process of filling the
An Enhanced Algorithm to Predict a Future Crime using Data Mining

missing value and identification of crime patterns. We applied these techniques to real crime data. We also use semi-supervised learning technique in this paper for knowledge discovery from the crime records and to help increase the predictive accuracy.

Reference

An Enhanced Algorithm to Predict a Future Crime using Data Mining

Demonstration, Proceedings of the 12th International Conference on Intelligent User Interfaces.


Index Terms

Computer Science

Data Mining

Key words

Crime-patterns  clustering  MANET

data mining

law-enforcement

Apriori