Abstract

This paper proposes an approach to prevent crime by applying a well-defined algorithm. The proposed algorithm makes use of a mathematical expression which calculates the probability of a criminal doing a crime in a particular area based on the previous records. The algorithm updates the probability over time and makes use of two major factors of crime, area of crime and rate of crime for calculating the probability of a criminal doing crime in future.

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**Index Terms**

Computer Science

Algorithms

**Keywords**

Crime Sector Database Crime Prevention Criminal Crime probability