

TITLE: Crime data analysis and management

Background:

Crime is one of the most predominant and alarming aspects in our society and its prevention is a vital task. Crime analysis is a systematic way of detecting and investigating patterns and trends in crime. The aim of this model is to increase the efficiency of crime investigation systems. This model detects crime patterns from inferences collected from the crime scene and predicts the description of the perpetrator. This work has two major aspects Crime Analysis and Prediction of perpetrator identity. The Crime Analysis phase identifies the number of unsolved crimes, and analyses the influence of various factors like year, month, and weapon on the unsolved crimes.

Introduction:

A crime is an action which constitutes an offence and is punishable by law. Analysing and identifying the hidden crime patterns are the major problems to the police department as there are voluminous data of crime exist. So, we need some methodologies to help the investigation bureau in solving the crimes.

There will be a restricted version which will be developed for the police and give the appropriate secession to the tourist

Machine Learning approach provides regression and classification techniques that helps us to serve the purpose.

Objective:

The Goal of this research work is to help tourist and travellers to take precautions and eventually share critical data with police for better maintenance of law and order