

Cse ii year sepm project

Crime detection software using data mining

Problem statement

Day by day the crime rate is increasing considerably. Crime cannot be predicted since it is neither systematic nor random; also the modern technologies and hi-tech methods help criminals in achieving their misdeeds. According to Crime Records Bureau crimes like burglary, arson etc have been decreased while crimes like murder have been increased. Even though we cannot predict who all may be the victims of crime but can predict the place that has probability for its occurrence. The predicted results cannot be assured of 100% accuracy but the results shows that our application helps in reducing crime rate to a certain extent by providing security in crime sensitive areas. So for building such a powerful crime analytics tool we have to collect crime records and evaluate it.

Criminals are nuisance for the society in all corners of world for a long time now and measures are required to eradicate crimes from our world. Our mission is to offer crime prevention application to keep public safe. Current policing strategies work towards finding the criminals, basically after the crime has occurred. But, with the help of technological advancement, we can use historic crime data to recognize crime patterns and use these patterns to predict crimes beforehand. We are using data mining techniques such as clustering algorithms to predict crime prone areas.

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