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## Article

## Approaches to scrutinize crime data using improved (IKM) K-means clustering algorithm

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## Abstract

Criminology is an area that focuses on the scientific study of crime and criminal behavior and law enforcement. Criminology is a carcass of knowledge regarding crime as a social episode, it includes within its scope of processing, i.e., it includes making of laws (agreement of the will of the public), contravention of laws (disobedience of the requirements of the criminal laws which is created by the public) and taking action related to contravention of laws (response of the society who reacts either positively or negatively when someone commits a crime). Criminology is an area that practice or aims to find crime actions and crime uniqueness. As said earlier data mining plays a crucial task in producing crime intelligence. The research methodology which supports in producing Improved KMeans Clustering algorithm with Performance evaluation and comparison methods. The Performance evaluation which is used to evaluate datasets and performance metrics.

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Analysis and Design of an Algorithm Using Data Mining Techniques for Matching and Predicting Crime

June 2013

Anshu Sharma · Raman Kumar

Crime analysis uses past crime data to predict future crime locations and times. Criminology is an area that focuses the scientific study of crime and criminal behavior. It is a process that aims to identify crime characteristics. It is one of the most important fields where the applications of data mining techniques can produce important results. The exponentially increasing amounts of data ... [\[Show full abstract\]](#)

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