

Related Papers studied on “Crime Prediction and Analysis”

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Papers name	Link	Findings	Limitations
A survey on crime analysis and prediction	https://www.sciencedirect.com/science/article/abs/pii/S2214785322007489	Investigates criminal analysis prediction models, providing forecast-based insights about forecast accuracy and possible actions.	Predictive model application in law enforcement raises ethical questions, thus challenges may include data quality difficulties and the need to exercise caution when propagating results.
Intelligent Crime Investigation Assistance Using Machine Learning Classifiers on Crime and Victim Information	https://ieeexplore.ieee.org/document/9392668	The study most likely shows how effective machine learning classifiers are at supporting criminal investigations by using victim and crime data to identify patterns and make predictions.	Difficulties might include data availability and quality, privacy concerns raised by ethics, and potential biases in the machine learning algorithms used.
Forecasting the Trends and Patterns of Crime in Bangladesh using Machine Learning Model	https://ieeexplore.ieee.org/abstract/document/8969031	Demonstrates how well machine learning models work to anticipate Bangladeshi crime trends and patterns, providing information on the prediction accuracy and possible uses of the models for law enforcement tactics.	Problems that may arise include inadequate or skewed datasets and data restrictions; also, socio-cultural elements that impact crime dynamics in Bangladesh must be carefully taken into account.
Crime prediction through urban metrics and statistical learning	https://www.sciencedirect.com/science/article/abs/pii/S0378437118304059	Uses statistical learning techniques to show the correlation between urban indicators and crime prediction.	The complexity of urban areas and the requirement for reliable data to guarantee precise forecasts might present difficulties.