

# Analysis and Prediction of Crime

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**Abstract:** *Crime has long been rampant in our society and continues to plague mankind so it is today. The Police Department continued to register dozens of such cases every day and release this data to the public as part of open data system. . The focus of the project to conduct an in-depth analysis of the major types of crime that occur in city, look for trends over the years, and determine the various attributes, such as seasons, and the impact of certain crimes. In addition, the proposed model is described that builds on the results of predictive statistics made, by identification attributes that directly affect the prediction. Specifically, the model predicts the type of crime that will occur in each district of the city. . Finally, our results has been tested and compared with previous work. The current tactics the police are working to detect criminals, after a crime has occurred. But, with the help of technological advances, we can use historical crime data to identify crime patterns and use these patterns to predict crime in advance. Our goal is to provide a crime prevention application to keep the community safe.*

**Keywords:** Analysis, Prediction, Time Stamp Series, Fbprophet, Web Scrapping Model, Live News Feed

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