

A Crime Prediction Model/Tool for Hotspot Mapping

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Abstract: *The hotspot map is a popular analytics tool used to help law enforcement and crime reduction resources determine where to focus. Essentially, the hotspot map is used as a data-driven crime map to identify high-crime areas and places where police and other criminal activities should be used. The project uses crime data from a period before (already past) a certain date to create heat maps and test their accuracy in predicting what will happen next. Compare hotspot mapping accuracy with maps used to measure crime issues (thematic mapping of the census output area, spatial ellipses, grid thematic mapping, and core density estimation) and by crime type – the four crime types (crime, crime, car theft, and car theft)..*

Keywords: Crime Prediction

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