Cluster Analysis of Crime Data in the United States of America on a State and City Level Across Time

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Crime data is being used by both law enforcement and policymakers to alleviate the complexity that comes with using public resources to combat crime and its precursors effectively. A wide variety of data mining techniques can be used on large quantities of public crime data to lend specific insights to concerned policymakers and public officials [1]. This historical cluster analysis of crime data delivered via an interactive dashboard could give policymakers insights into localities that need more (or less) focused policing and community resources. It is also meant to serve as a simple interface to see how crime in cities and states have evolved over time.

References
[1] Chen, Hsinchun, et al. "Crime data mining: an overview and case studies." *Proceedings of the 2003 annual national conference on Digital government research*. 2003.