**CSC 478 Project Proposal**

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Project Category:

**Data Analysis leading to a type of Recommender System based on crime types and rates.**

Data Set: (Chicago Crime 2001 to present)

https://data.cityofchicago.org/Public-Safety/Crimes-2001-to-present/ijzp-q8t2

Goals of this project:

* Load and preprocess the data set
* Explore the data set using multiple methods
* Use the attributes such as longitude, latitude, crime type, crime time, crime date, crime street, etc. to create a probabilistic or predictive model that recommends caution when in certain areas of Chicago at certain times. Initial emphasis will be on armed and strongarm robberies in the Chicago area.