

Denver Crime Data - Project Proposal

Dataset - <https://www.kaggle.com/paultimothymooney/denver-crime-data#crime.csv>

Team Members

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Objectives & Motivating Problem

- Understanding the crime landscape of the city
- Differentiating types of crime and prevalent affected areas in the city
- Coming up with ways to curb crime in severely affected areas of the city
- Correlating crimes with factors like number of precincts etc.
- Furthermore, crimes can be predicted as data is updated daily

Rough Plan of Work with Approximate Milestones

- Milestone 1 (11/25) - Completion of cleanup
- Milestone 2 (12/2) - Completion of basic map with crimes and hover functionality
- Milestone 3 (12/9) - Integration of the bar chart and completion final deliverables

Deliverables

- Map, color coded for different types of crimes throughout the city
- Clicking a particular occurrence will open up a bar graph showing occurrences of different types of crime in that district/neighborhood
- A counter can show the number of precincts in a neighborhood when a point on the map is hovered over, giving a better perspective
- Map can be adjusted over time to show different occurrences (if time permits)