Iva Ivanova

SFDat22

Project Milestone II (Project Outline)

1. Overview

* This project explores San Francisco crime data with the intention of determining patterns and suggesting solutions

1. Data

* The data was collected from SF Open Data, which is a one-stop-shop for open data published by the city and county of San Francisco.
* URL: <https://data.sfgov.org/>

1. Findings thus far

* Top 5 most frequently occurring crimes (Theft, Other Offences, Non-Criminal, Assault, Vandalism)
* Low crime resolution levels
* Steady crime numbers through the week (still looking into this bullet)

1. Methods used thus far:

* K-means clustering to look for patterns between the categories of crime and when they occur

1. Next steps – I will continue to explore patterns and eventually make a prediction about possible date and time when a crime might take place in San Francisco