**Project Title:** Movies & Crime

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**Project Description:** For many years, people have wondered and even proved, if stories crafted by Hollywood have an influence on society’s behaviour. Media often tries to dramatize and glamorize certain situations, professions, or retellings of history for the sake of a greater entertainment value. Action movies may promote violence and some comedies normalize inappropriate language and behaviour upon impressionable viewers. **Our group would like to explore the correlation between the number of R-Rated movies released with the number of violent crimes in the US.**

**Possible Research Questions to Answer:**

Over a 10-20 year period…

* *How many R-Rated movies are released in the US each year?*
* *Define R-Rated film*
* *How many crimes were reported in the US each year from 1990-2017?*
* *If a greater number of R rated films are released in one year, will that influence the number of crimes reported in that same year?*
* *Are there certain types of violent crimes that have a stronger correlation with the number of R rated movies released in a year?*

***Data sets to be used:***

*<https://data.cityofchicago.org/api/views/ijzp-q8t2/rows.json?accessType=DOWNLOAD>*

[*https://catalog.data.gov/dataset/crimes-2001-to-present-398a4*](https://catalog.data.gov/dataset/crimes-2001-to-present-398a4)

[*https://www.boxofficemojo.com/yearly/chart/mpaarating.htm?yr=2017&view=releasedate&rating=R&m=1&p=.htm*](https://www.boxofficemojo.com/yearly/chart/mpaarating.htm?yr=2017&view=releasedate&rating=R&m=1&p=.htm)

***Possible Breakdown of Tasks:***

*R rated movies released in US, in correlation with Total crimes reported in US (1990-2017)*

* *Plot double line graph, each line representing Movies Released & # of crimes reported*

*R rated movies released in correlation with different TYPES OF CRIMES (2001-2017) in Chicago*

* *For the cites of LA and Chicago*
* *Sort by type of crime*
* *Plot double line graph of # of movies released and* 
  + *# of murder crimes reported*
  + *# of assaults reported*
  + *# of theft & battery*
  + *Etc.*
* *Each of these correlations with different crimes should be on a separate graph*

*R rated movies released in correlation with total crimes reported in Chicago (bonus)*

* *Same as first step but attempt to see if one particular city (or state) is more strongly influenced/correlated with number of crimes released*

*Regression Analysis*