**W200 Project 2**

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**NYPD 7 Major Felony Incidents dataset**

**Source**

https://data.cityofnewyork.us/Social-Services/nypd-7-major-felony-incidents/k384-xu3q/data

**Questions**

1. Did NYPD public access 7 Major Felony Incidents data have a quantifiable impact on improving government management and reducing crimes?

How long does it take to close a case? Vs different kinds of cases?

1. Crime results over zip? Map, hot spots
2. Over time? If trends, why? Related to period, such as summer, winter, weather dependent. Correlated to what parts of the city
3. Which period (years, months) has the most cases?
4. What kinds of crimes, correlated to regions,

**Critical Parameters:**

* 'Created Date' date and time case began
* 'Closed Date' date and time case closed
* 'Agency Name', Agency that accepted the case
* 'Complaint Type'
* 'Location Type'
* 'Incident Zip'

**Information**

1. preliminary data check revealed the following information:

8 millions cases reported to NYPD between 2010 and 2018 March.

2017 1098075

2016 1090294

2015 700762

2014 354873

2018 283482

2013 152612

2010 136477

2012 127772

2011 81107

There are 283482 cases reported as of 2018 March.

1. Most complaints have to deal with noise from the residential area followed by noise from the sidewalk, the other notable complaint is ‘blocked driveway’, ‘illegal parking’
2. Brooklyn tops the list in city for most complaint.