CIS9590

Group 6

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Our Group  topic is about a statistic from NYPD in recent years (2006-2019) regarding shooting crimes. In this file we can find information about shooting cases in New York from 2006 to the beginning of 2019, such as perpetrator, victim, location of the case (area like Queens, Manhattan), whether it was a purposeful murder, age of the perpetrator/victim, and the location and time period.

Here is the link to our data set：

<https://catalog.data.gov/dataset/nypd-shooting-incident-data-historic>

What we expect to accomplish.

* Find the total number of cases that occurred in each boros from 2006 to 2019.And

find out the safest and most dangerous areas

* How many cases were motivated by purposeful murder and how many were not

* Which month has the most cases (and what is their connection to the weather)
* Which time period has the most cases in each boros (dangerous time)
* Victim's age as a percentage of total (and the reasons behind it)