



WEEK 9 DQ

Visualizing a Dataset.

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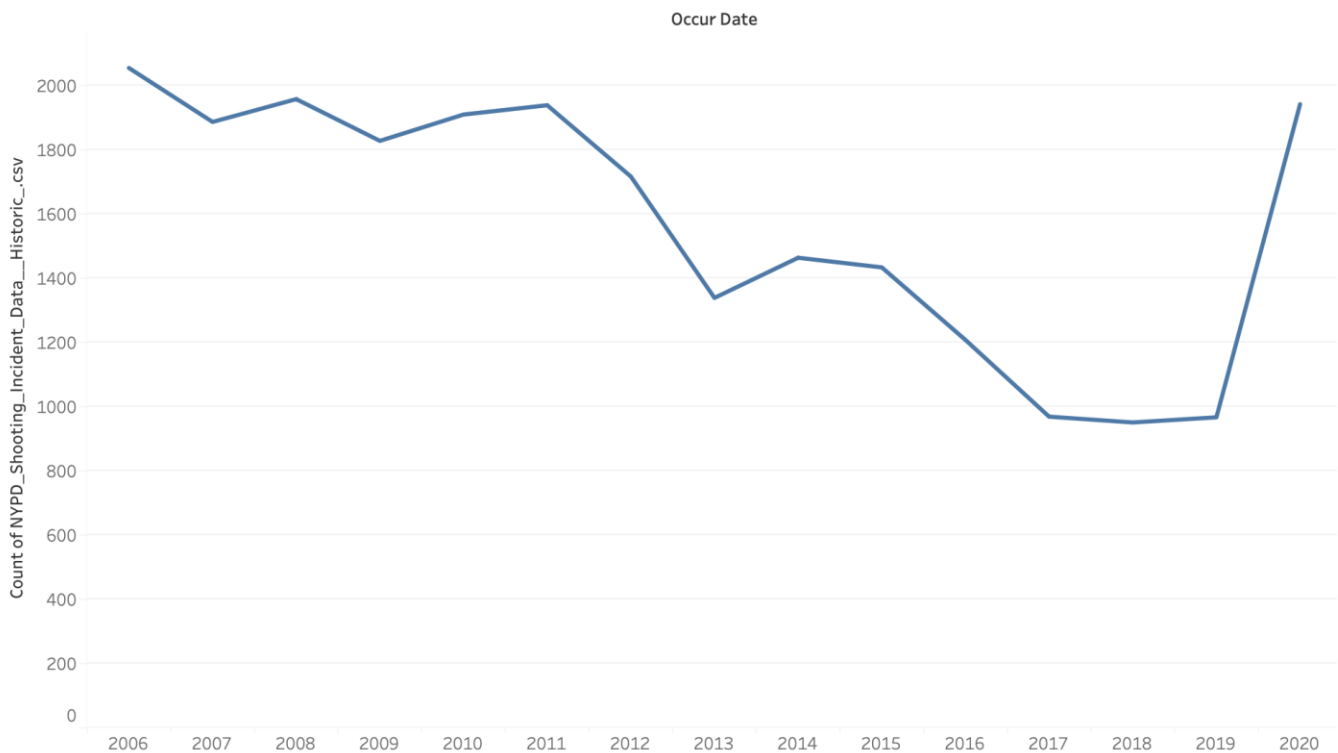
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Numbers in accordance to years.

The graph below shows the number of shooting incidents recorded by NYPD in NY since 2006 to November 2020.

Numbers in accordance to years



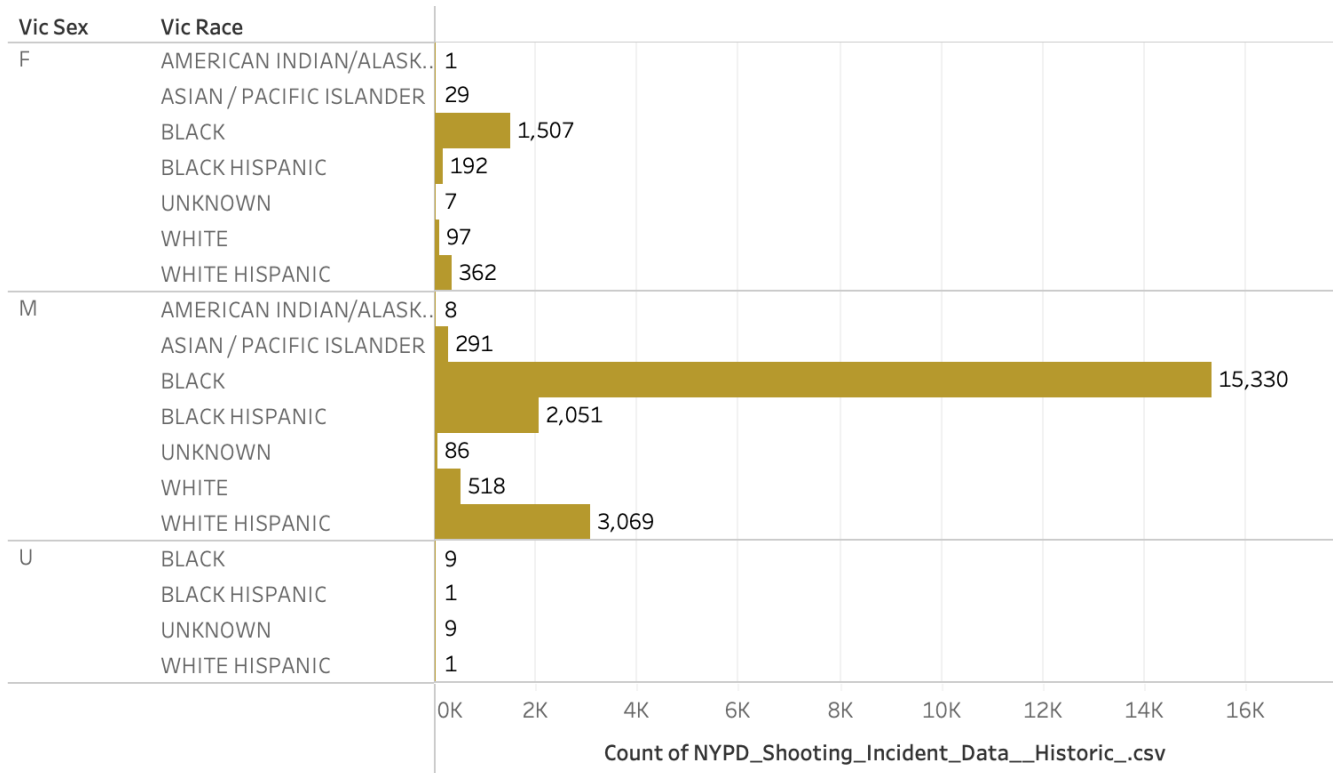
We observe here that the number of incidents were 2000+ as of the year 2006 and then there was a gradual decline in the number. Whereas, after 2019, we see a steep line that shows us that the shooting incidents rose from nearly 950 to 1950, doubling the count itself from 2019 to 2020.



Victims' race and sex

The graph below bifurcates the incidents based on victims' race and sex in accordance to years in numbers.

Race and Sex of the victim



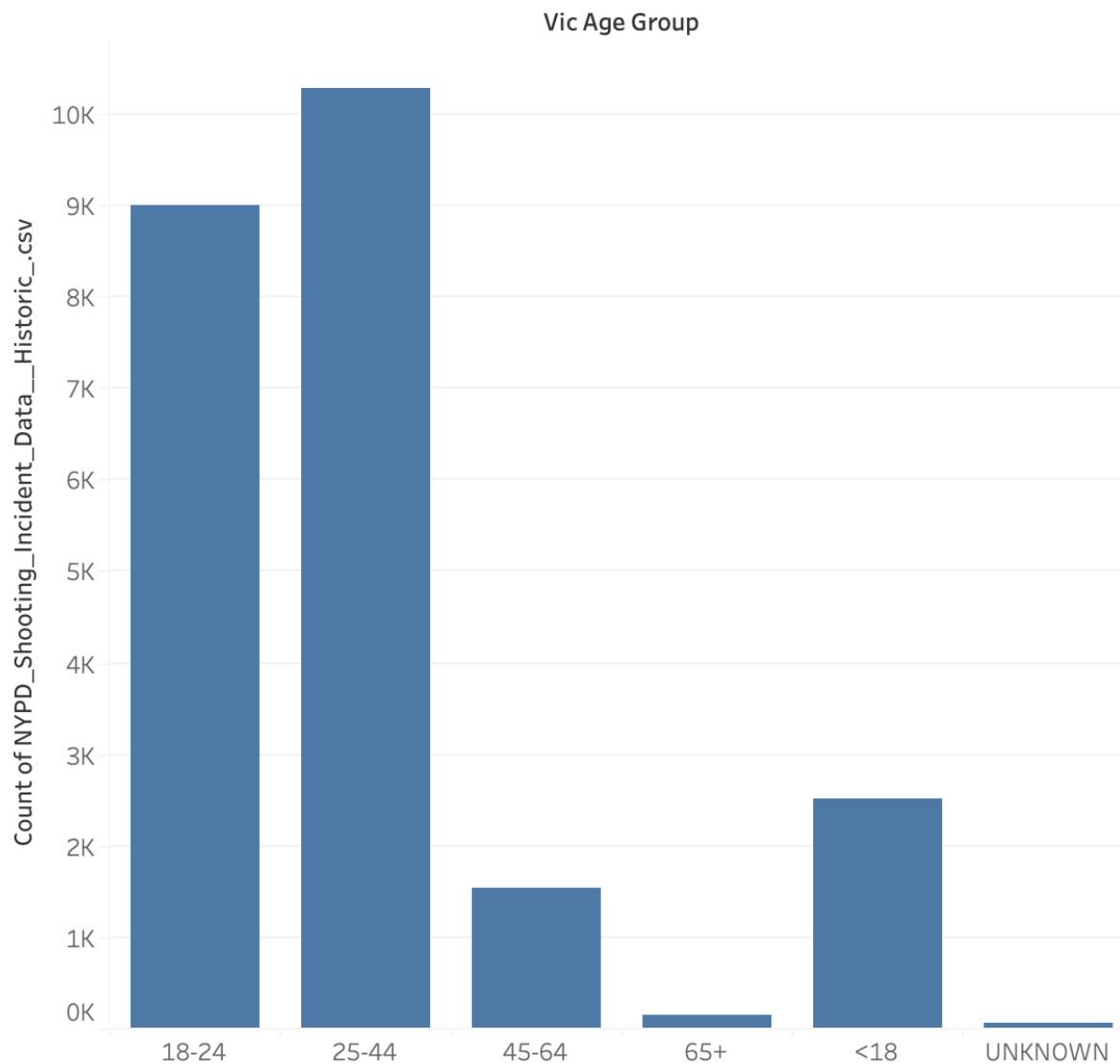
We see here that the number of people from the black community are significantly higher as compared to others, be it a male or a female. Female victims from black community are 1507, whereas number of male victims from black community are 15330.



Victims' age

The graph below shows us the age of victims involved in the shooting incidents that are recorded.

Victim Age group



We can observe that the victims are highest from age group 25-44 and the elderly are the least involved in such incidents. There are 10k+ victims from age group 25-44 and nearly 9k victims were from 18-24 years of age.

Perpetrators

The graph below shows us the age and sex of the perpetrators involved in the shooting incidents.

Perpetrators- Age group and Sex

