

Crime in Los Angeles

2020-2023

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Questions sought to answer:

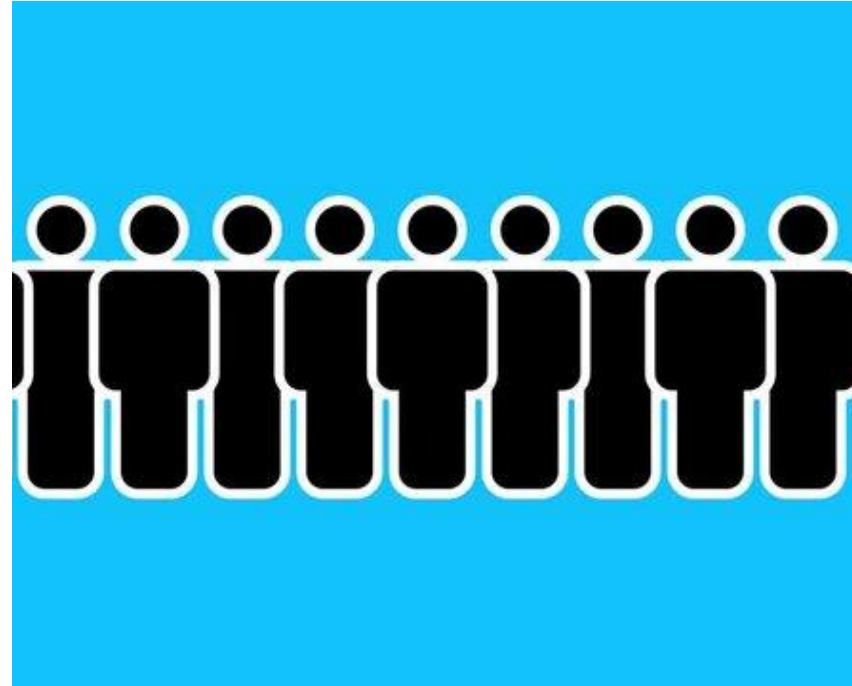
Crime:

- Which crime has the highest average?
- During which month do we see the highest crime rates?
- Which area experiences the most crime?
- Which hour is most prone to crime?



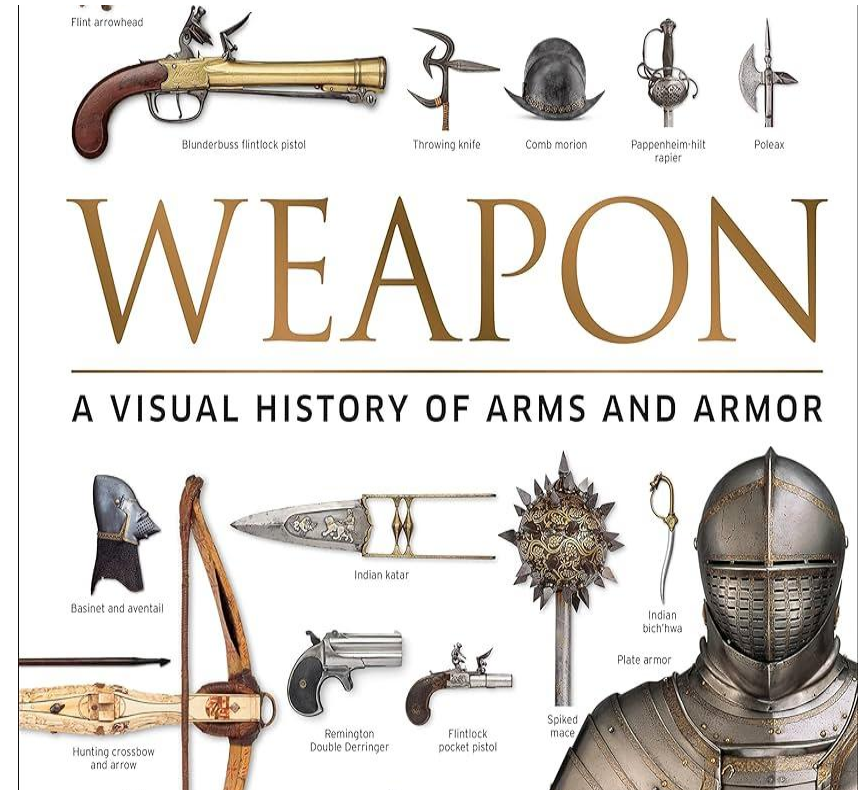
Victims:

- Which age group experiences more crime?
- How does the victim's descent affect their experiences with crime?
- Which area do females experience the most crimes?
- Which sex has a higher predisposition to crime?



Weapons:

- Which area has the highest number of crimes involving a weapon?
- Average number of weapons used
- Which age group is most likely to be a victim of a crime involving a weapon?





Rape:

- Which hour rape occurs most often?
- Which area we see rape happening the most?





DATA PREPARATION WORK

1

Data Cleaning

3

Data Transformation

2

Data Aggregation

4

Data Visualization



TOOLS USED

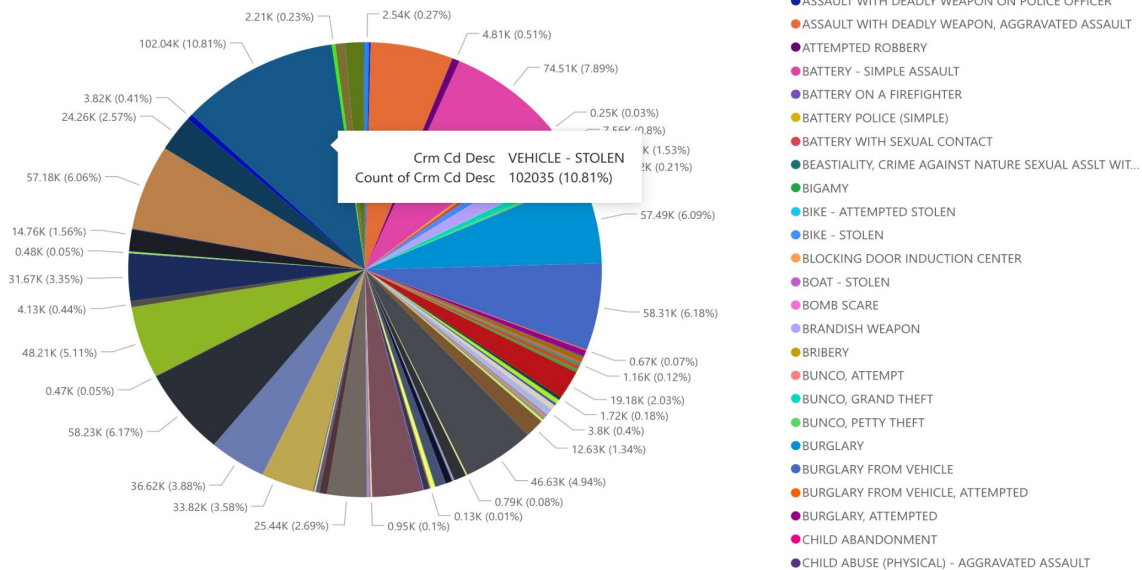


Python



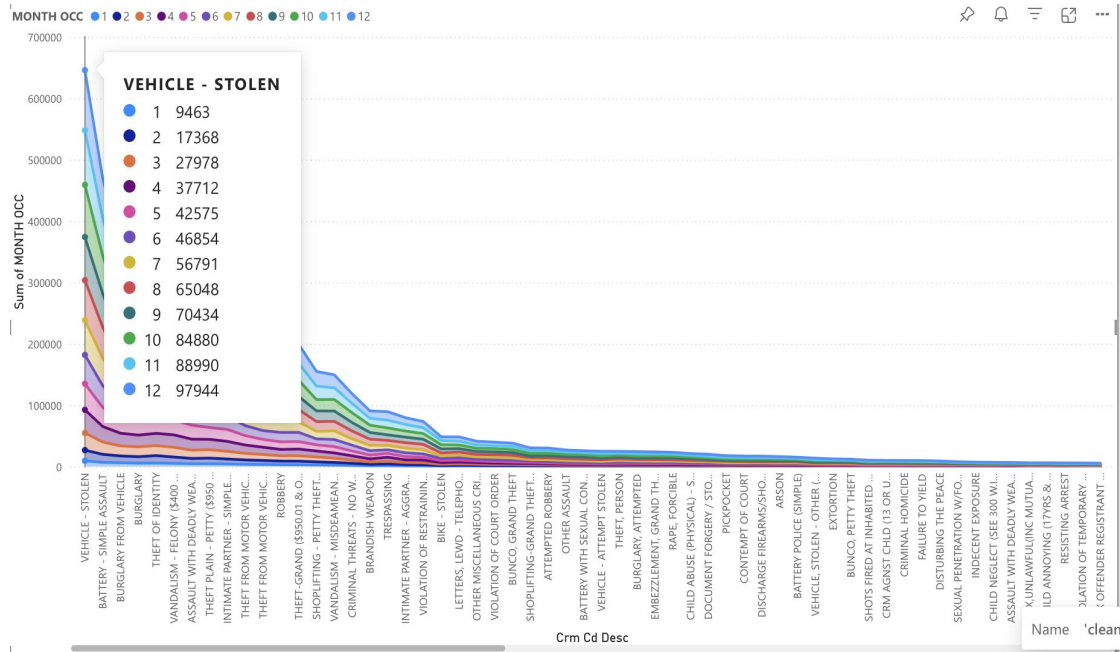
Power BI

KNOWLEDGE GAINED: CRIME



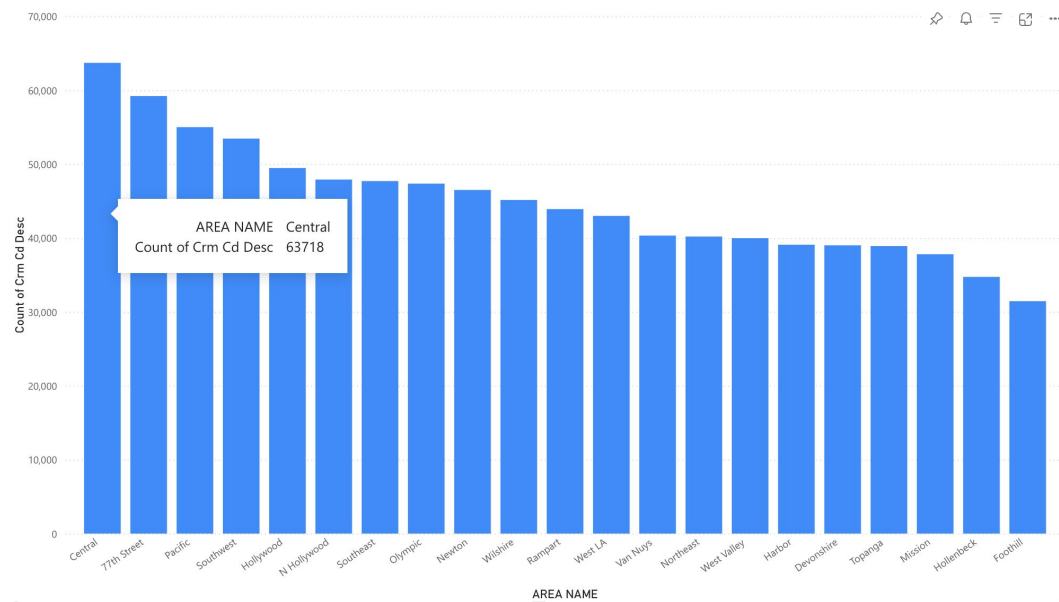
AVERAGE OF CRIMES

KNOWLEDGE GAINED: CRIME



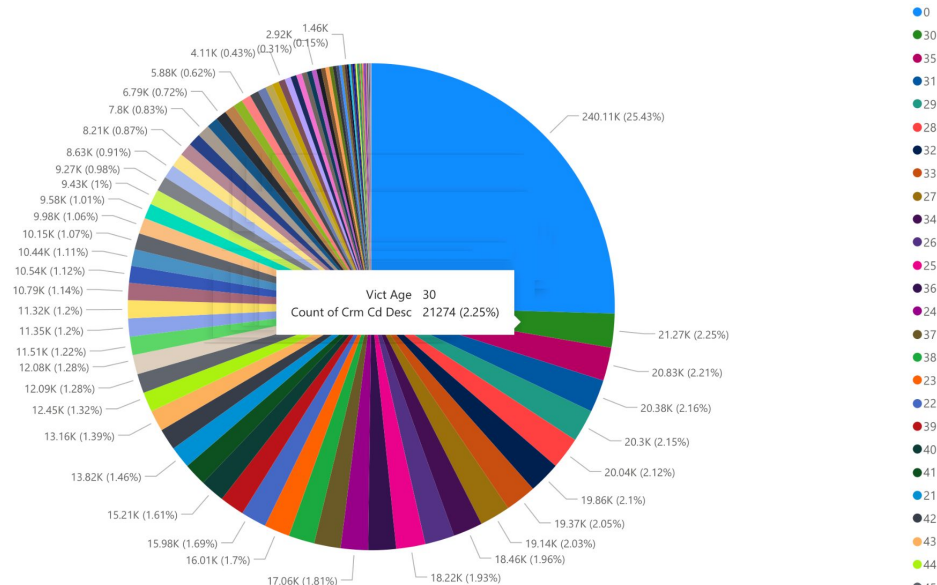
MONTH AND CRIME

KNOWLEDGE GAINED: CRIME



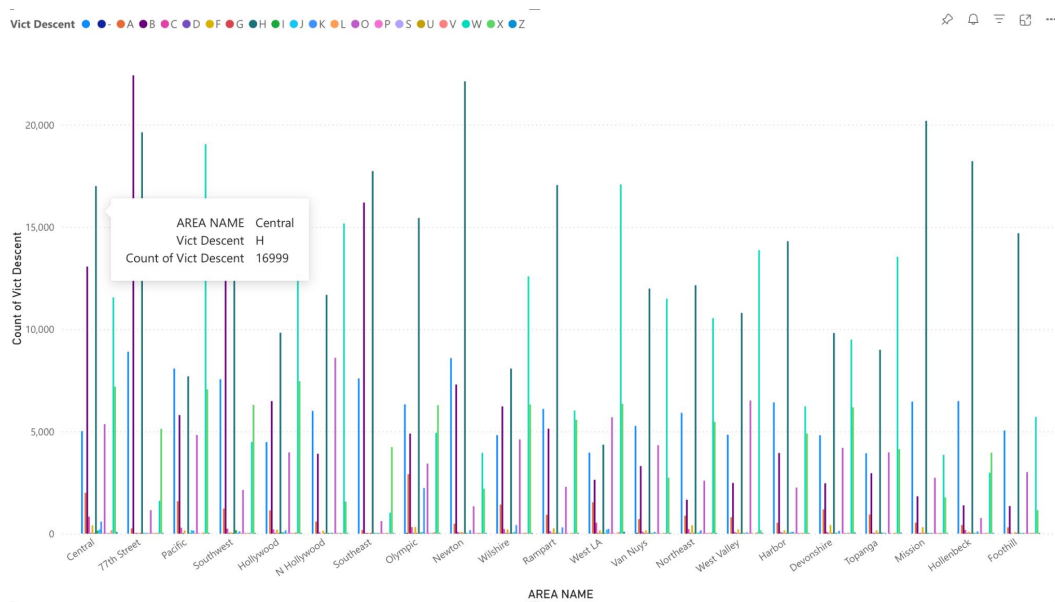
CRIME AND AREA

KNOWLEDGE GAINED: VICTIMS



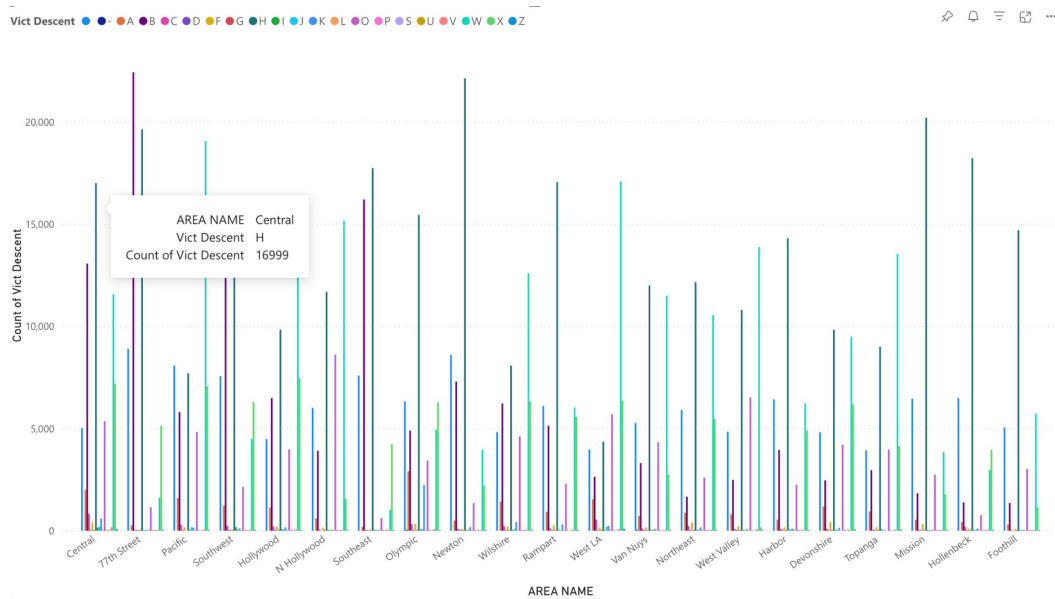
VICTIMS AND AGE

KNOWLEDGE GAINED: VICTIMS



VICTIMS AND RACE

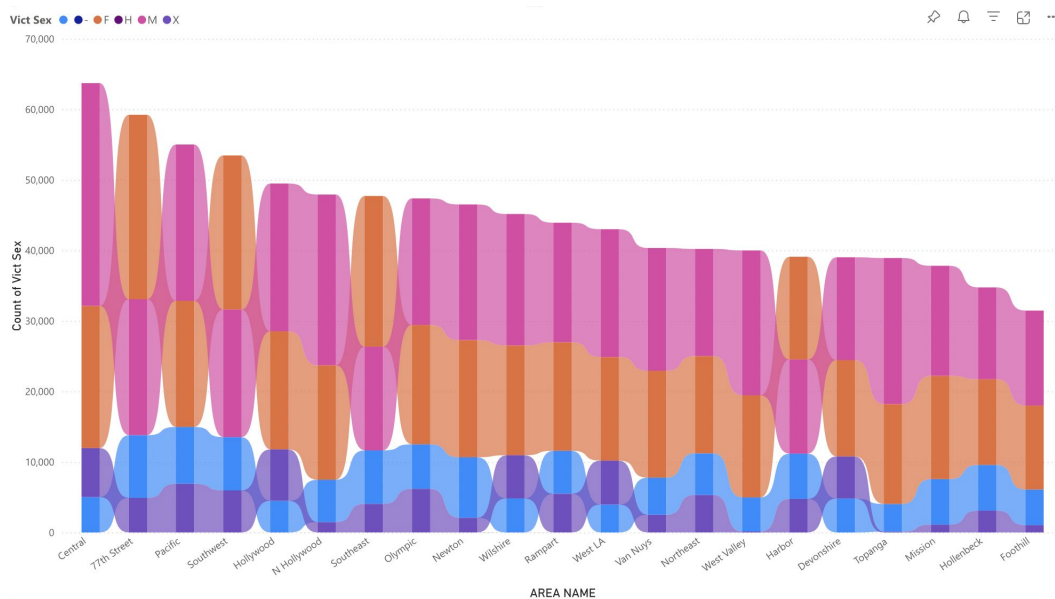
KNOWLEDGE GAINED: VICTIMS



VICTIMS AND AREA

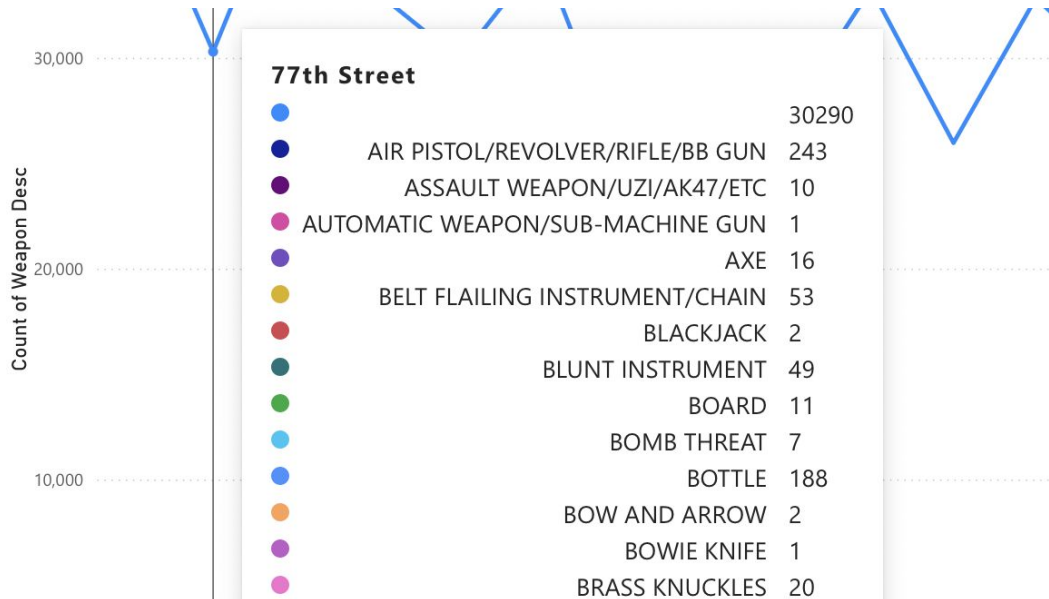


KNOWLEDGE GAINED: VICTIMS



AREA AND FEMALES

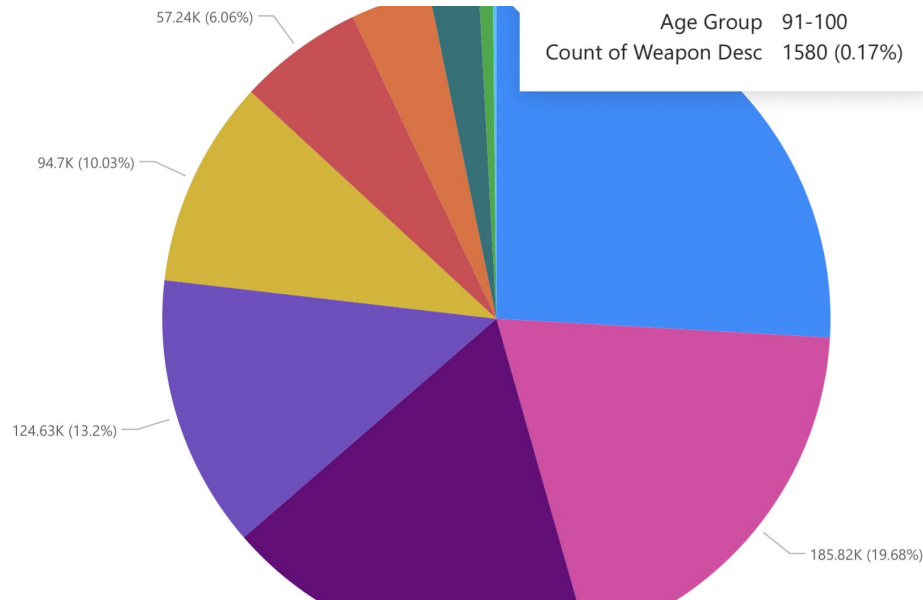
KNOWLEDGE GAINED: WEAPONS



WEAPONS AND AREA

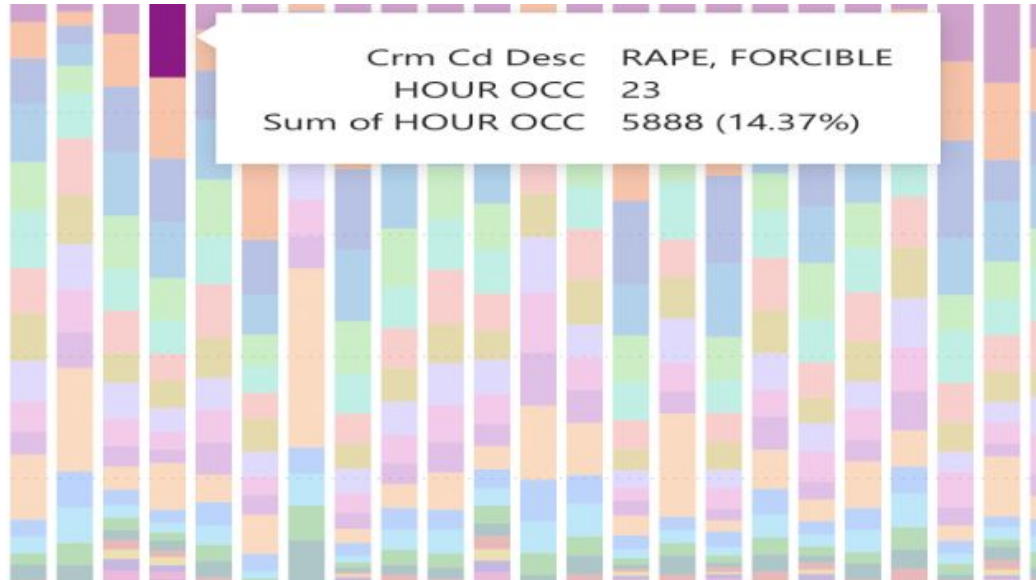


KNOWLEDGE GAINED: WEAPONS



WEAPONS AND AGE

KNOWLEDGE GAINED: RAPE



RAPE AND HOUR



KNOWLEDGE GAINED: RAPE

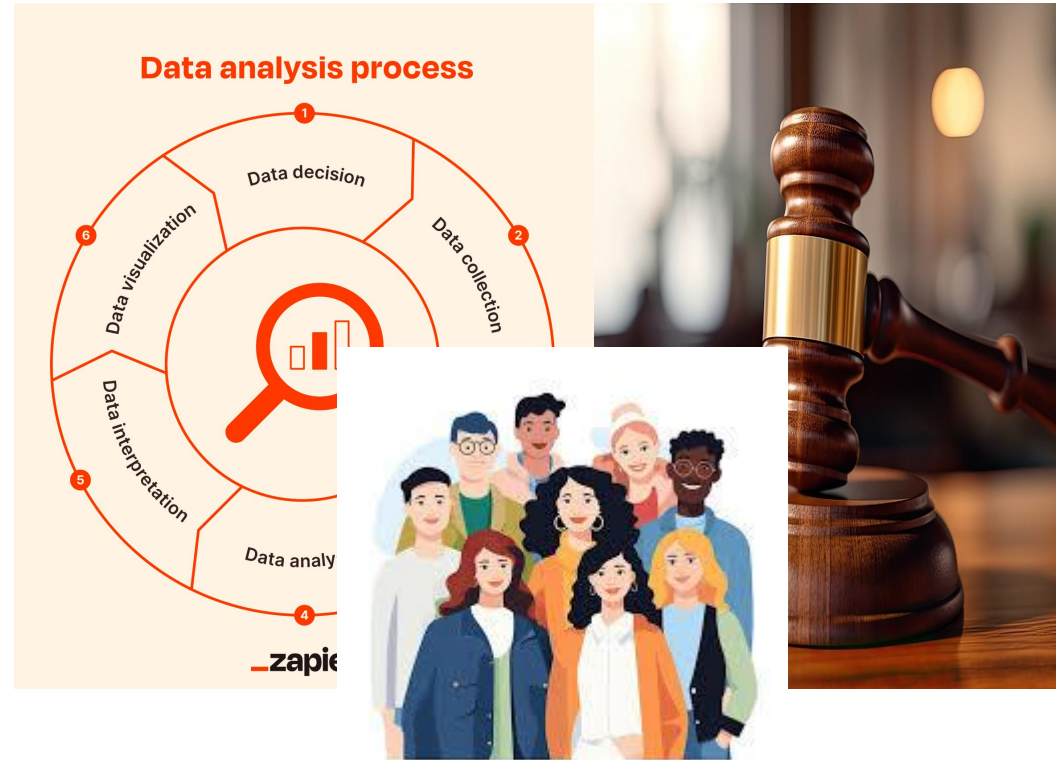
RAPE, FORCIBLE

●	77th Street	314
●	Central	355
●	Devonshire	111
●	Foothill	113
●	Harbor	142

RAPE AND AREA

APPLICATIONS

- Policing
- Safety measures
- Decrease crime
- Develop new programs
(Rape victims)





Thank you.

