## Crime Patterns and Prevention in Los Angeles

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Los Angeles, the centre of films and television in the US. A well known place for the infamous Hollywood sign, the walk of fame, Venice beach and many other tourist landmarks.

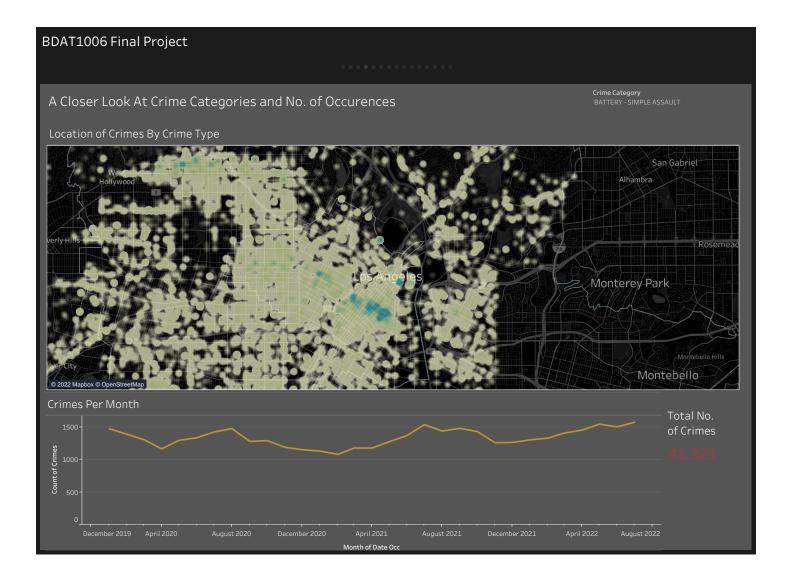
In this story, we take a look at the darker side of the city of angels. Criminal activity is spread throughout the area, with neighbourhoods which have an extremely high crime rate along with places which do not.

We will also discuss the how, the when and the where, to be precautious and not fall a victim to these incidents.

#### BDAT1006 Final Project Simi Valley La Cañada Flintridge Burbank Thousand Oaks Topanga 18 Glendale Pasadena West Valley Arcadia Azusa San Gabriel El Monte West Covina Los Angeles Santa Monic Whittier La Habra Inglewood Heights Downey Manhattan Norwalk La Mirada Beach Compton Yorb Bellflower **Fullerton** Lakewood 6 Carson Torrance Anaheim Rolling Hills Garden Grove Orang Estates Long Beach Rancho Palos Verdes Santa Ana Huntington © 2022 Mapbox © OpenStreetMap

- Dowtown Area has the biggest number of reported crimes.
- In order to prevent crimes, one of the best steps one can take is to take the right precautions. Following the right protocols if an incident occurs to a person can reduce the chances of it turning into something worse.
- Since Downtown LA is where the majority of crimes happen, be extra vigilant when visiting this area and watch out for petty crimes, especially near landmarks.





- Stolen Vehicles, Battery are the most common crimes in LA.
- Battery follows the similar pattern where incidents are mostly concentrated in Downtown area.
- Some steps to prevent such incidents:

If you think you are being followed, go to a lighted area where there are other people. Call the police.

Never hitchhike or accept a car ride from a stranger.

If you are going anywhere at night, go with a friend or group.

Plan your outings. Always tell a friend or family member where you are planning to go and when you will return

If possible, carry a cell phone at all times

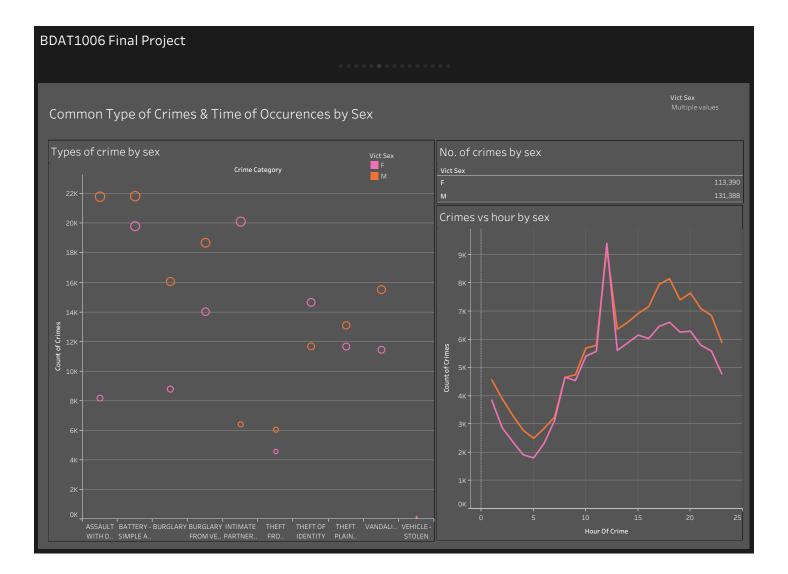
- Stolen vehicles on the other hand, is spread all across the city, and the numbers are worrying as it is slowly increasing each year.
- For preventing vehicle theft:

Park your vehicle in a locked/secure garage, if possible.

Lock the onboard diagnostic port using a simple device (that can be purchased online) that blocks access to where thieves reprogram the vehicle's key fob.

Use a steering wheel locking device to deter theft.

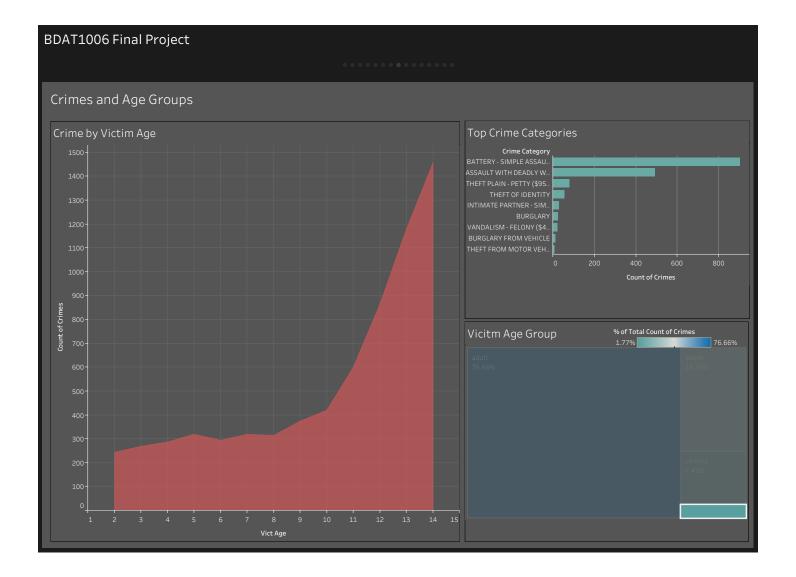




different pattern.

- For many different types of criminal activity, the sex of the vicitm does not play a huge role. But, for some crimes like Assault with a deadly weapon, and intimiate partner assault, the numbers show a
- Males are 3 times more likely to fall victim to an assualt to a deadly weapon.
- Females are 3 times more likely to suffer assault from their partners.
- All these incidents have a higher chance to occur during night time. This is when you should be the most careful to stay safe.





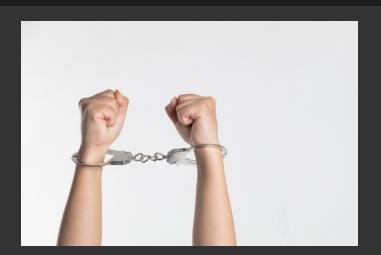


- Since this city is densely populated and attract tourists from across the world, the 21 divisions of the plice department with more than 10,000 officers should work together to monitor, analyse and prevent crimes from happening.

- After assault and vehicle theft, burglary is also a common crime that happens throughout LA.
- The majority of the population in LA are adults, who also face the highest number of crimes.
- As for seniors, The secong most occuring crime to them is burglary. For many reasons, it is harder to enforce safety for them. Investing in a good security system and secure locks on all doors and windows is a good start for prevention. The rest of the work combating these crimes is upto the LAPD.
- Children have been victims for 1500+ crimes, which is alarming.



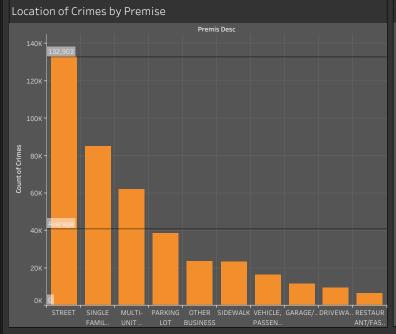
- Not all crimes end in an arrest of the criminal. Majority of them undergo additional investigation (about 80%). About 8% of the criminals are arrested. However, arrests or additional charges may be held after continued investigation.

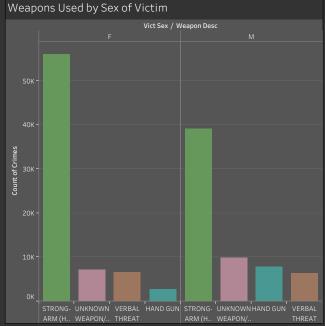




- One crucuial thing to note is that human trafficking is concentrated to the southern neighbourhoods of LA. The majority of the victims are females. Violent gangs, drug abuse, and other adverse crimes have been reported many times these areas before.

## Location and Weapons Used Against Victim





No. of Crimes

519,102

- A large portion of the crimes occur in street areas. This is interesting because streets are usually the places which will have a high number of witnesses.
- The rest of the crimes are mostly contained within houses, apartments and parking lots.
- One efficient way to respond to these crimes might be to increase surveilance using cameras. However on the streets, this may not be possible. In such high crime areas, police patrols must be increased in order to prvent crimes. Law enforcement is a very powerful tool against crimes.
- The most common weapon used in crimes is bodily force. Women encounter such crimes more than men by about 30%. Most of which are concentrated in households and apartments.
- Men are victims more often in crimes where the use of handguns ar involved.

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- In this story, we have tried to find some patterns in the criminal activity across the city of LA in order to raise more awareness, increase safety and help make take the right precautions to stay safe.
  - Many more patterns can be discovered by interacting with these dashboards.
  - Criminal activity is on the rise every year and as civilians, being alert and understanding these patterns can help prepare oneself to have a safe anjoyable time in this iconic city.

# Stay safe and Thank you!

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## Citations

Data: https://data.lacity.org/Public-Safety/Crime-Data-from-2020-to-

Present/2nrs-mtv8

Images: https://unsplash.com/

Crime Prevention procedures and protocols:

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https://www.haltonpolice.ca/en/staying-safe/vehicle-theft-prevention-tips.aspx#:~:text=Secure%20your%20vehicle%20with%20the,lock-ing%20device%20to%20deter%20theft