Analyzing Syracuse City

I have lived at Syracuse city for more than two years now. Being an international student, I have no clue how cities could be in the US. It took me a couple of months to get used to the environment and get to know places around me. As a new resident we always look for a safe place to stay and a good house.

The city of Syracuse has open inventory which shares data on various elements of the city such as crimes, emergency snow routes, rental property registrations, bike rentals, city sewers etc. There are thousands of records available for every year and there are even maps plotted to check the location. But for a commoner to understand these data could be tricky and hence I have created a dashboard that could sum up on which places are safe and certified to live at Syracuse.

Overall Analysis

First let's walk over the overall analysis of the city where we'll try to understand what kind of crimes happen over the year, followed by understanding different types of crimes, and their trend over the year in different months.

The crime city view map shows us the entire city is facing numerous assault crimes which are represented by the blue markers on the map. Burglary and vehicle theft seem to be the next most reported crime. If we divide the city into four directions it would be a lot easier for us to understand and deploy effective measures to mitigate crimes either by patrolling or deploying safety devices.

Assault is the most reported crime with almost 5400 cases in the year of 2023, involving cases such as simple assault, mugging, criminal behavior and misconduct. On an average 1900 cases were reported this year also, 2400 cases reported had no proper description which could belong to one of the categories of assault theft or misconduct. Every year 1400 cases of theft and burglary have been reported by the residents.

Around 940 cases have been reported in the first quarter, with the significant increase during the summers. crimes have peaked during the month of August with around 1400 cases. we are yet to receive complete data for the month of November and December to assess 2023s crime trend. the month of January, February, and March are highly snow covered and there are less people roaming out to which I believe there could have been less assault cases reported it's difficult to travel around the city during winters. during the summers and the mid-year is the best time to live in Syracuse also the city is widely populated by students so when most of the population is on holiday it's easier for theft cases.

Assault Analysis

Now let's have a look at the area wise analysis, and the first sheet shows us the map of Syracuse highly infested with criminal mischief and simple assault which involved hitting, mugging, or holding people at gunpoint also, local fights.

Over 1900 cases have been reported for simple assault followed by 1700 cases of criminal mischief which indicated that the city is infested with assaults and mugging which question the safety of the residents, or students who walk around the area. Over 933 cases of family offenses followed by 397 cases of drug possession have been recorded which possess huge danger for drug addiction.

Area Wise Analysis

Let's have a look at the area wise analysis. when I was new to the city, I used to visit destiny mall a lot which I believe every student has in their first few days of visit. It's one of the biggest malls and hence there are numerous visits made by people every day with over hundreds of showrooms open.

being a purchase point the major threat is either to get rob by resulted by a criminal and our data supports the above stated crimes there have been over 210 cases of theft, specifically shoplifting. I've been to the mall and notice there is no security check at the entrance nor there is any metal detector in front of shops. This becomes easy for robbery. numerous cases of robbing at gunpoint the reported in the year of 2023. On average 70 cases are reported every year in the destiny mall area it gives us a chance to analyze and probably install metal detection X-ray check and patrolling to safeguard people from getting mugged.

I've lived in in the university area for two years, as you see in the map college place, Ostrom Avenue, Euclid Ave. Westcott St. are the main roads of the area. there has been numerous reporting of burglary. these are highly crowded places and there is a chance of getting robbed. Westcott St. Has shops wherein I've heard cases of robbery. the interior areas such as Lancaster Ave., Sumner Ave., Buckingham place, Ackerman Ave. are a little shady, and away from the main roads leading to higher cases of assault and misconduct. higher patrolling, emergency buttons, DPS alerting systems could help mitigate and increase safety for students.

Every city has their own downtown and it's the best place to hang out during the weekends. there are many restaurants, pubs, fashion showrooms that one would want to visit to spend quality time. most of these places are visited after evening once it gets darker. as a result there are high chances of vehicle theft, stolen accessories from the vehicles, misbehavior with drunk people, and the huge question mark on women's safety.

Rental Inspection

Every house is inspected for the span of three years to certify in the areas of smoke detection quality of living etc. inspected house is considered a good place to stay but there are only 41% houses who have a valid rental registry. around 59% of the houses do not have a valid inspection and this is the area we must focus for a certified housing.

I've lived in the university area for two years and the houses aren't good at all they are the 1900s construction and are almost broken, the wooden floors are torn there are no smoke detectors, a lot of basements have holes for rodents to enter the home, and most of the homeowners do not care about the issues.

as we see the areas of Euclid, Ackerman towards the university have a lot of blue markers which indicate having no valid inspection. although I have noticed some of the houses were renovated in the Lancaster Ave. and hence the orange markers. if we move towards a little SE we can see a lot of orange markers which indicate owners live in the same house while all the rental properties in the E Genesee street towards the Lexington Ave. have a lot of blue markers which are rental properties.

During COVID the ratio of inspection and incompletion of inspection were almost close to each other and as we get closer to the end of 2023 there has been a significant difference, three times more the number of houses does not have a valid inspection this year. this helps us figure out on which areas to focus on to make the city a better place to live.

Conclusion

To conclude this analysis, I would like to focus on the areas of Syracuse that need improvement in terms of safety and quality of life this dashboard gives us a review for the year of 2023.