**Hector Peña**

**DSC 530**

**03 June 2023**

**Los Angeles Crime Rate Analysis**

Living in Los Angeles with a population of 10 million residents and being a vacation hotspot. I believe looking into crime data and analyzing any trends that may appear. With such a large population in Los Angeles, I feel that by examining crime rates and seeing for any visible trends. As crime affects all of us, we should be aware of what type of crimes are and have happened around us. With this information we can make better judgment to the place in Los Angeles we wish to visit. In 2015 it was brought to the public’s attention that the Los Angeles Police Department had been under-reporting crime data. As states by Wikipedia, “In 2015, it was revealed that the LAPD had been under-reporting crime for eight years, making the crime rate in the city appear much lower than it really is. Approximately 14,000 assaults went unreported as "minor offenses" rather than violent crimes.” (Crime in Los Angeles). We can see the trend that as more Los Angeles communities are victims of gentrification, the crimes trends follow gentrification trends. With more individuals purchasing homes in Los Angeles, I believe the possible new homeowners should know about any crime trends in the areas they are purchasing homes. My main question for this analysis focuses on if there is a trend of crime and if so where exactly it occurs.

When selecting a domain for research it was important to me to choose something I have interest in. Being that one of my family members has just purchased a home in Los Angeles, I wanted to see if there are any crime trends in specific areas and how this may affect potential homeowners. The main goal for my project was to provide individuals with a breakdown and analysis of crime rate and how they are occurring in Los Angeles, so that they may see it for themselves and make their decision on whether to live in certain areas of Los Angeles. Soon when I am ready to purchase a home I will take crime data and use it to better guide me toward a safer location to look for homes. While obtaining the data it was difficult as there where a lot of different datasets I could have chosen from, but I concluded to choose one from Kaggle which was gathered from Los Angeles Police Department crime data. At first the dataset seemed daunting as it had many attributes and over 1 million entries, but after filtering the data and making easier to decipher I came to realize that this dataset provides us with a lot of useful information. If given the chance to redo this project, I would look for data more focused on home prices and compare it to how they are affected by crime rates. I would try and find more recent data and especially with the rise in home prices in California where I am from, I would want to examine if gentrification of crime-stricken neighborhoods has affected home prices.

References

Crime in Los Angeles. (29 May 2023). Retrieved from https://en.wikipedia.org/wiki/Crime\_in\_Los\_Angeles.