Summary of Crime Analysis for Los Angeles:

1. Overall Crime Rate Trend:

The crime rates peaked at 1130 in January 2020 and gradually decreased to 571 in December 2021.

2. Monthly Crime Rate Changes:

Crime rates decreased throughout 2020 but saw a notable increase in 2021.

3. Quarterly Crime Rate Changes:

Crime rates decreased each quarter in 2020 but showed a significant increase in 2021.

4. Day of the Week and Crime Correlation:

Crime rates are slightly higher during weekends compared to weekdays.

5. Time of Day and Crime Type Correlation:

Vehicle thefts often occur after 5 pm, while burglaries are more frequent during early morning hours.

6. High-Crime Areas in Los Angeles:

High-crime areas include 77th Street, Central, and Pacific.

7. Crime Hotspots by Geo Map:

77th Street and Central are notable crime hotspots based on the geo map.

8. Comparison of Crime Rates in Different Areas:

Los Angeles performs better in Foothill, Hollenbeck, and Devonshire, while 77th Street, Central, and Pacific have higher crime rates.

9. Commonly Used Weapons in Reported Crimes:

Strong-arm and verbal threats are commonly used in reported crimes.

10. Percentage of Reported Crimes Resulting in Arrests:

Adult arrests account for approximately 9.79%, and Juvenile arrests account for about 0.338% of reported crimes.