Crime Prediction of Los Angeles

Steps performed:

Problem Definition:

 Analyze the LA crime dataset to identify patterns and predict factors influencing..

Data Preprocessing:

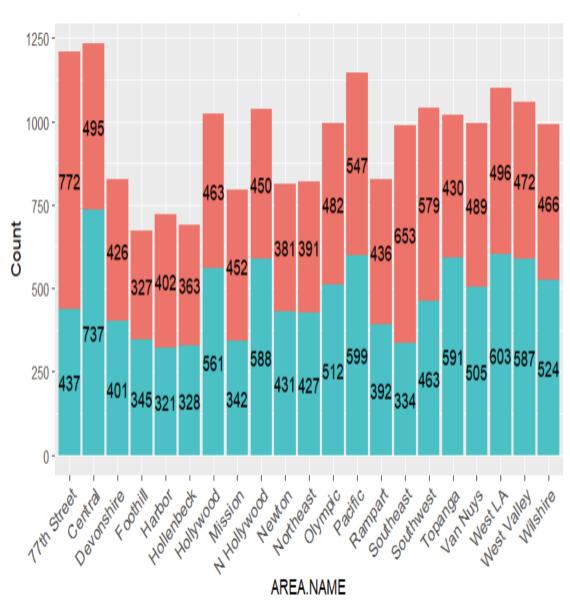
• This process involves cleaning dataset.

EDA:

This process involves Visualizing data and capturing insights.

Machine Learning:

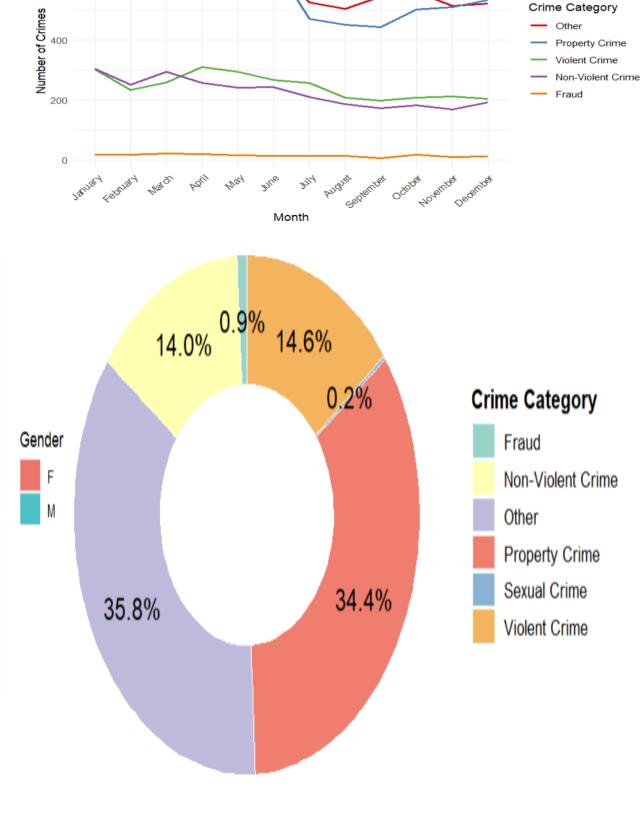
- Performing MI algorithms to predict crime rate based on location by using Random forest and KNN.
- **CENTRAL** area of Los Angeles has Highest Crime rate of 6.16%
- 77th Street and Pacific areas need more polices stations or patrolling.
- 60 to 80% of cases were not solved





Top 5 Monthly Crime Trends

Burglary from Vehicle



Source: Kaggle -> Crime Data Los Angeles

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