

Project Abstract

Team:

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Topic: Analyzing crime in New York City

The crime index in New York City is 19 which means safer than 19% of cities in the USA. The crime rate (per 1000) is 25.80. The violent crime rate is about 5.80 which is 1.80 over the national median. If we look at the most prevalent crime 20 years ago, it was burglary. Over the next 10 years, it shifted to robbery, and today it is a felony assault. Numerous aspects of these crime statistics may have been altered as a result of changes in the city's population, legal system, and demography. Through this project, the team wants to analyze the correlation between the number of complaints to arrests made at the borough level. The team also aims to analyze the pattern of city-wide payroll data, at the borough level, to understand the correlation between crime and purchasing power of the neighborhood.

Datasets:

- NYPD Complaint Data Historic ([link](#)) ~2.51 GB (Jahnvi)
- NYPD Arrests Data (Historic) ([link](#)) ~1.16 GB (Shobhit)
- New York City - Citywide Payroll Data ([link](#)) ~612 MB (Rachit)

Workflow

