

# Has the city safety declined?

## NYPD Shooting Incident Data Report

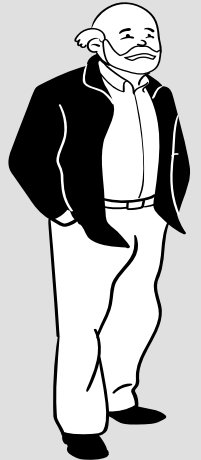
...

December 11, 2023

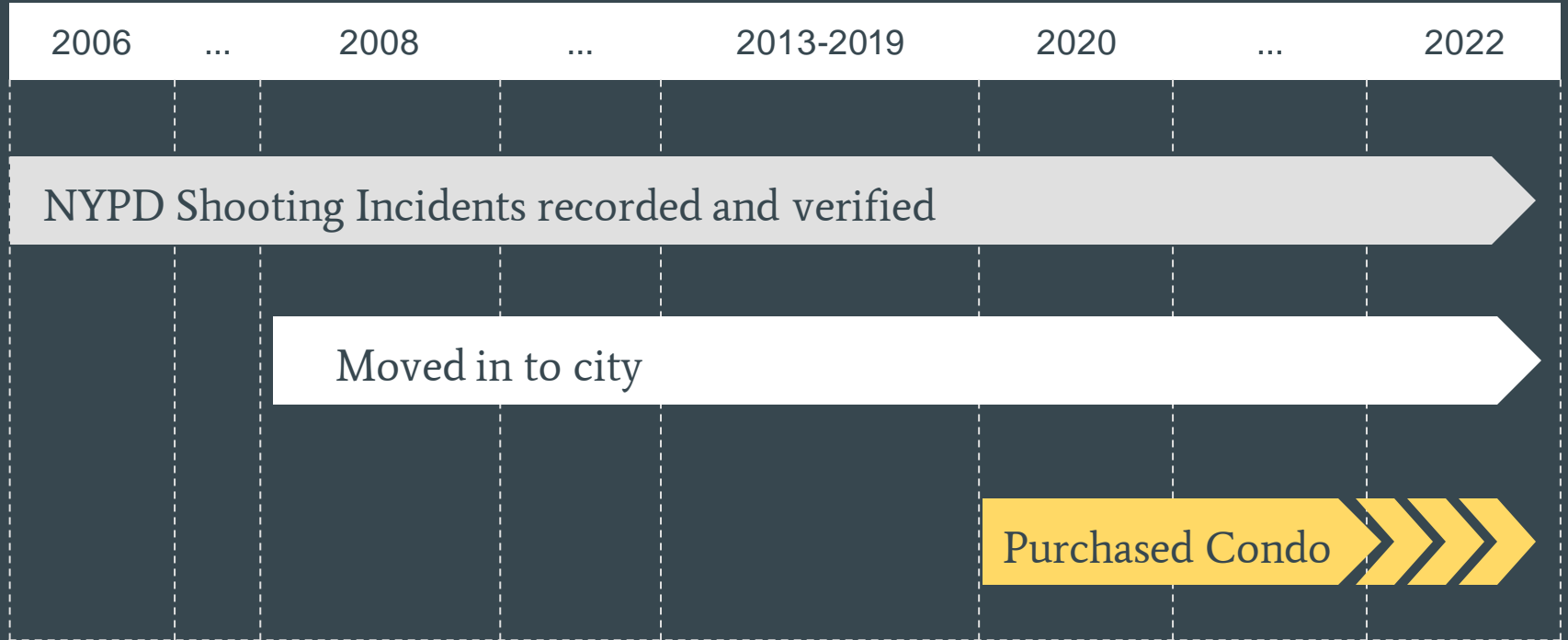
# Project objective:

Analyzing coworker's statement about the decline in city safety.

Demonstrate ability to complete all steps in data science process.



# Timeline



# Quick look at the aggregated data

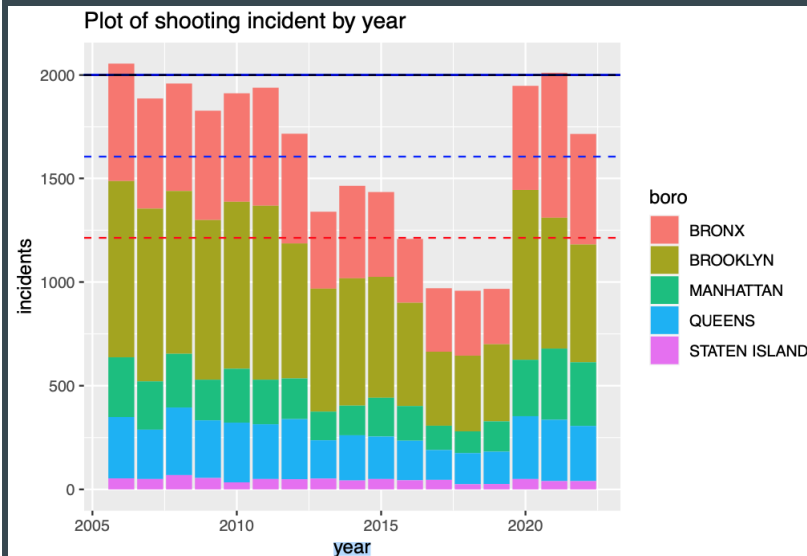
Mean: 1,606

Standard Deviation: 393

2008: 1,959

2022: 1,716

## Year over year of shooting incidents



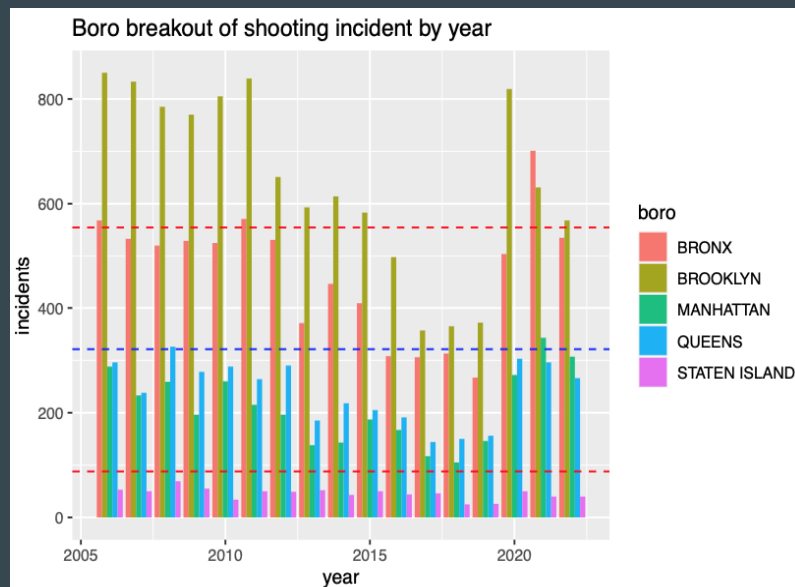
# Quick look at the aggregated data by Boro

Mean: 321

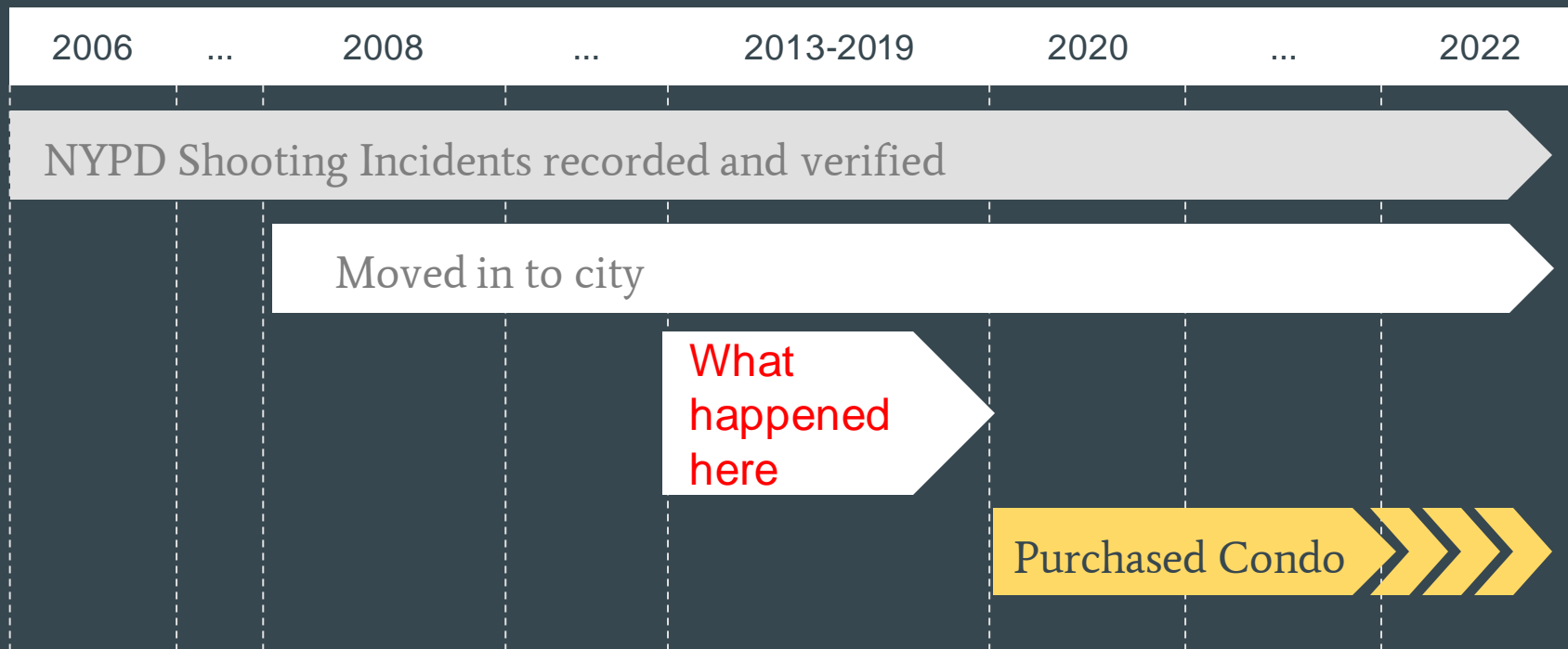
Standard Deviation: 233

How does your Boro compare?

## Boro breakout year over year



# Additional question that needs looking into



# Links

DATA.GOV

[NYPD Shooting Incident Data \(Historic\)](https://catalog.data.gov/dataset/nypd-shooting-incident-data-historic)

<https://catalog.data.gov/dataset/nypd-shooting-incident-data-historic>

OpenData

<https://data.cityofnewyork.us/Public-Safety/NYPD-Shooting-Incident-Data-Historic-/833y-fsy8>

Github

<https://github.com/pake6063/DTSA-5301-Data-Science-as-a-Field>