Neville

Introduction

This report analyzes the New York Police Department (NYPD) shooting incidents in New York City during the year 2022. The goal is to identify patterns in location, timing, and victim demographics to better understand the trends in gun violence across the city.

Data Source

The dataset was obtained from NYC Open Data's NYPD Shooting Incident Data Historic repository. It includes details such as incident dates, boroughs, victim demographics, and incident locations.

Key Findings

- **Borough Distribution**: Brooklyn reported the highest number of shootings, followed by the Bronx. Manhattan and Queens had moderate numbers, and Staten Island had the fewest incidents.

- **Monthly Trends**: Shooting incidents peaked during the summer months, especially July and August, indicating a seasonal increase in gun violence.

- **Time of Day**: Most shootings occurred between 9 PM and 2 AM, highlighting late-night hours as high-risk periods.

- **Victim Demographics**: The majority of victims were males aged 18 to 34, consistent with national gun violence statistics.

Recommendations

- Increase police presence and community outreach programs in Brooklyn and the Bronx, particularly during late-night summer hours.

- Develop youth engagement initiatives to reduce risk among young males.

- Use data-driven patrol scheduling to focus resources when and where shootings are most frequent.

Conclusion

The 2022 NYPD shooting data reveals clear patterns in geography, timing, and victim profiles. These insights can inform targeted interventions to reduce gun violence in New York City.