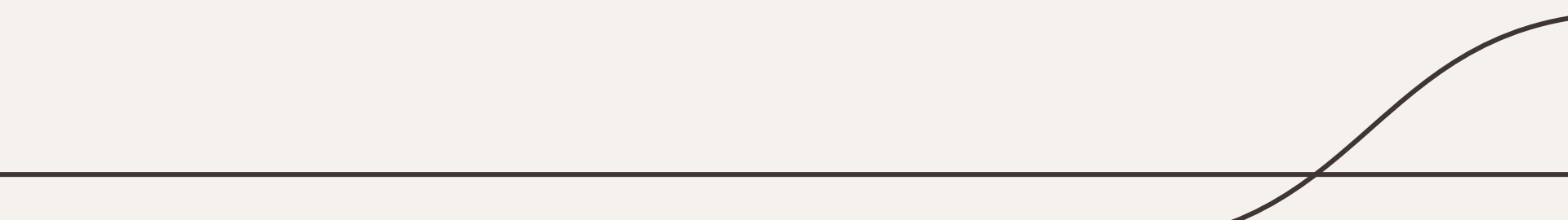




project r-agebait

Emily, Divanny, Henry, Jay



Introduction

- In recent years, police have been accused of overpolicing and violence, especially towards **communities of color**
 - **“Stop-and-frisk”**: under “reasonable suspicion”, police can stop a suspect and search them for weapons or contraband
 - **Research Question**: How do factors like age, sex, race, and borough relate to whether or not an individual is stopped, frisked, and/or arrested in New York City?
-

Dataset

1. **2025 NYC “Stop, Question and Frisk” Dataset (NYPD)**
 - a. 5,687 stop & frisk encounters
2. **2024 NYC Racial Demographics (US Census Bureau)**
 - a. However, races listed don't perfectly align with the NYPD!

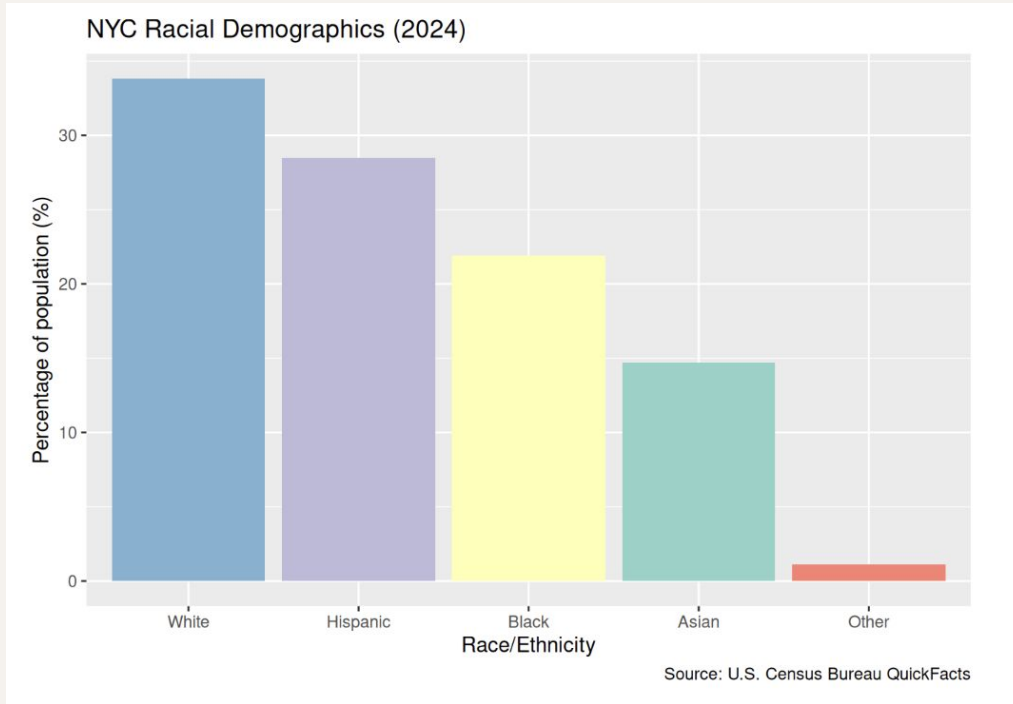
A tibble: 7 × 1

suspect_race_description <chr>
WHITE HISPANIC
BLACK
ASIAN / PACIFIC ISLANDER
BLACK HISPANIC
WHITE
MIDDLE EASTERN/SOUTHWEST ASIAN
AMERICAN INDIAN/ALASKAN NATIVE

7 rows

NYPD's racial categories

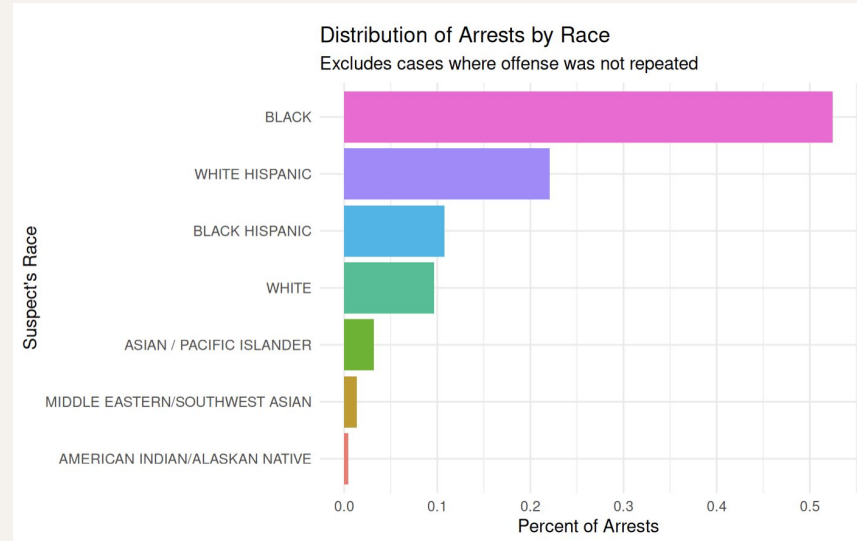
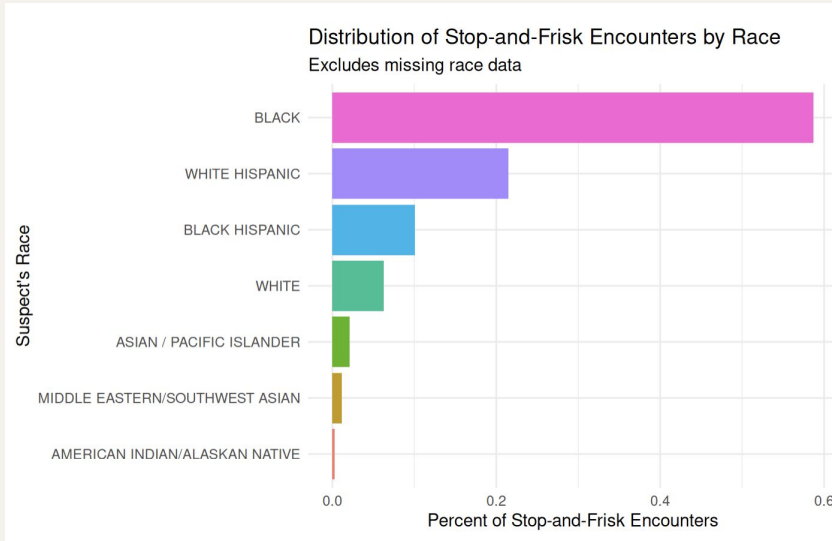
Data + Analysis



- White: 33.8%
- Hispanic/Latino*: 28.5%
- Black: 21.9%
- Asian: 14.7%
- Other (American Indian, Alaska Native): 1.1%

**Can be any race according to US Census Bureau, so other racial groups here are non-Latino/Hispanic*

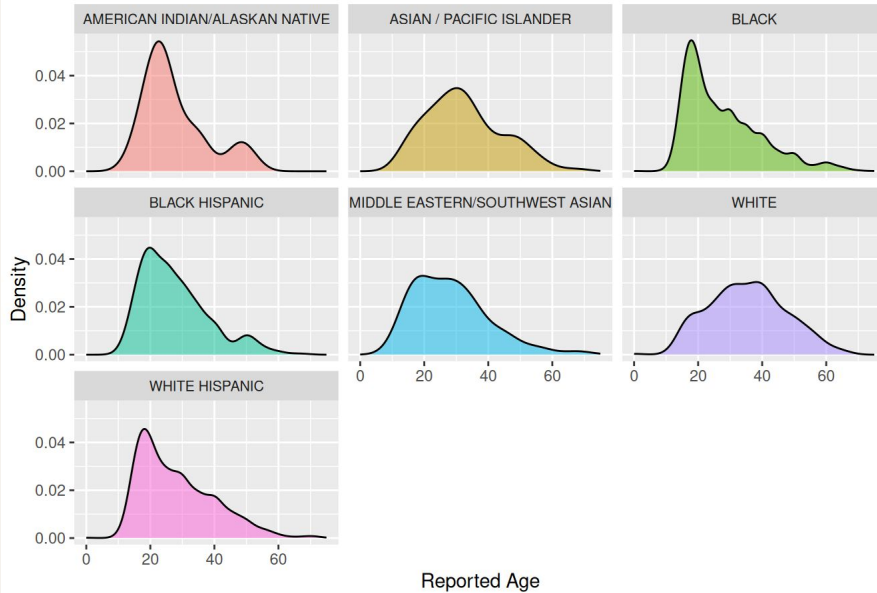
Data + Analysis



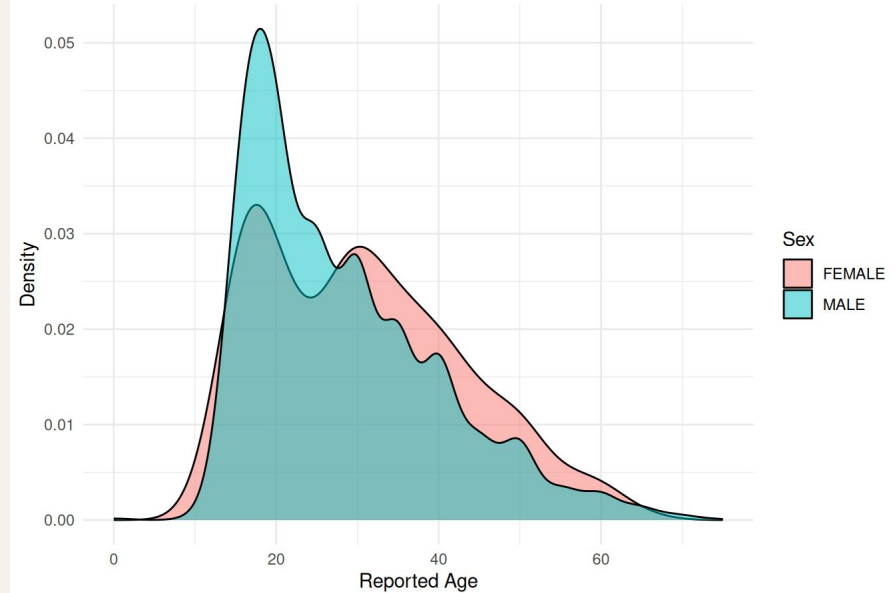
Black Americans account for ~21% of New York's population, but account for most stop-and-frisk encounters and arrests.

Density Plots: Race & Sex by Age

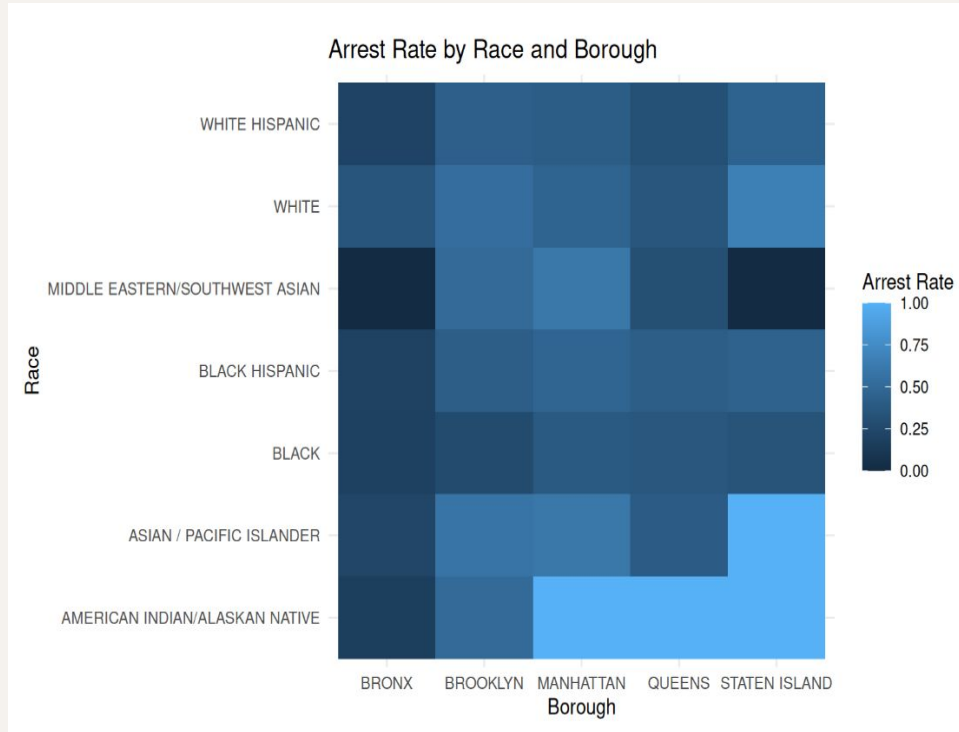
Distribution of Suspect Age by Race



Distribution of Suspect Age by Sex



Data + Analysis



What this shows:

- Arrest rates vary across both race and borough
- Outcomes are not uniform

Interpretation:

- Policing outcomes are influenced by geographic context, not just race
- Suggests differences in local enforcement practices

Conclusions

- Black & Hispanic suspects are **overrepresented**: Why?
- Possible explanations: Over-policing of certain boroughs/areas

Limitations:

- Cannot draw **causal** conclusions
 - NYPD's self-reported data = questionable
 - Mismatched racial census
 - Sample sizes
-