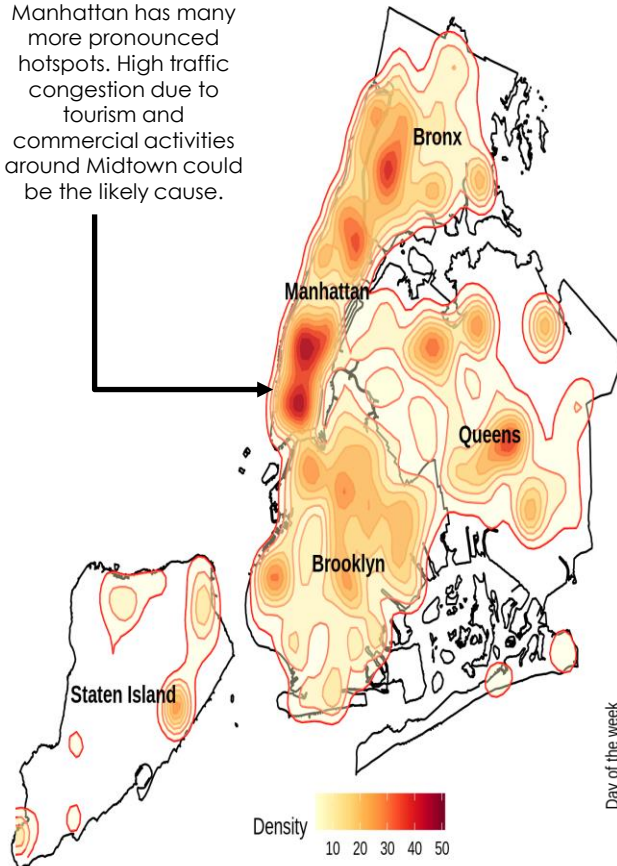


NYC Vehicle Stops: Exploring When , Where and Who.

Where are the major hotspots ?

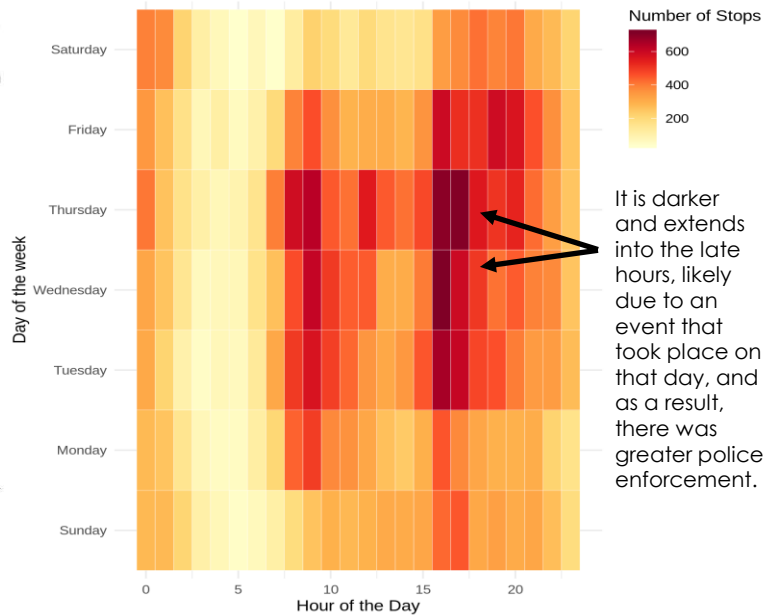
Manhattan has many more pronounced hotspots. High traffic congestion due to tourism and commercial activities around Midtown could be the likely cause.



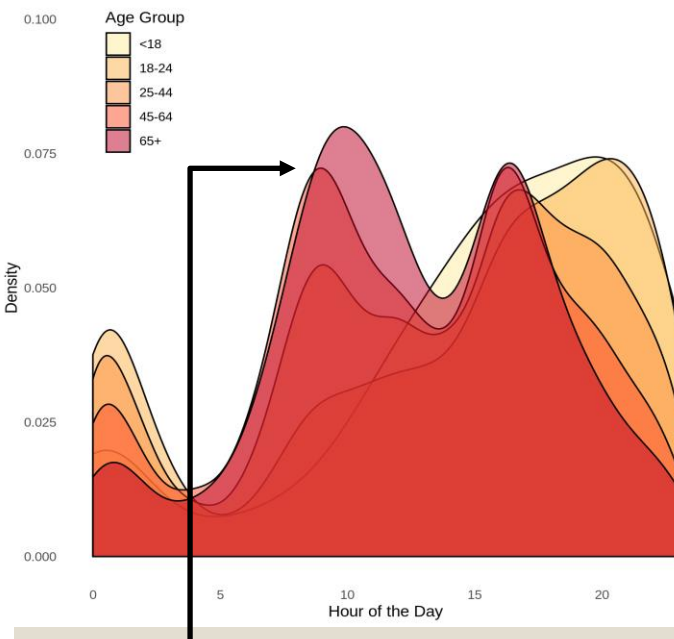
New York City, known as the Big Apple, is one of the world's most vibrant and populated cities, filled with bustling streets, diverse communities, and never-ending hustle. With its millions of residents and visitors, the city's roads see a high traffic volume daily. As such, this analysis pinpoints the major hotspot of frequent vehicle stops and checks to see if it varies with time and demography.

Mapping out the city with high-stop locations and analyzing trends can provide insight to city officials and law enforcement agencies during policy-making and resource allocation to address disparities and community concerns.

When are the stops more frequent in Manhattan?

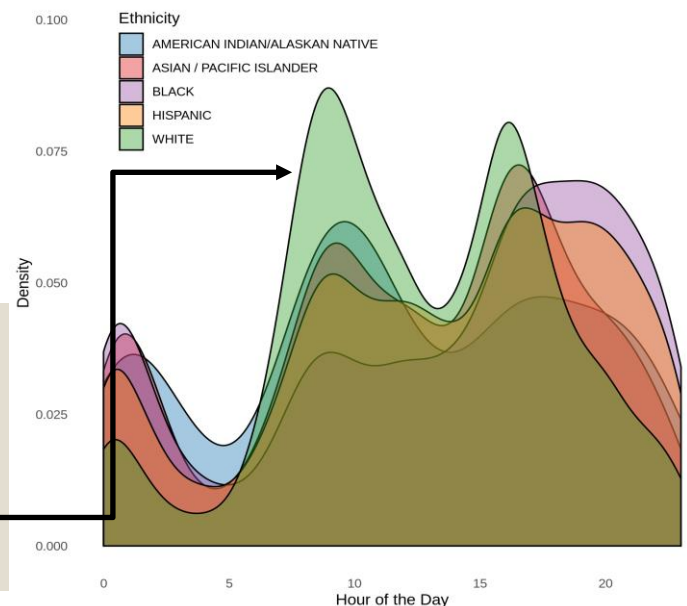


Distribution of Stops by Age Group within Manhattan



8-9 am and 4-5 (16-17) pm coincide with morning and evening rush hours as people commute to and from work, respectively. On Fridays, it does extend late into the night as it is the start of the weekend, and people tend to go out. A similar trend can be seen on Saturday as well.

Distribution of Stops by Ethnicity within Manhattan



A large proportion of older individual's stops occur during rush hours. It is likely because they stand out more due to their slower driving style, which can disrupt fast-moving traffic.

A large proportion of white individual stops occur during rush hours compared to later hours, even though there is a larger white population in Manhattan. It could indicate that there might have been a shift in law enforcement strategy.