



Progress Presentation

Understanding the Dynamics of Social Encounters
in NYC Public Spaces Using Human Mobility Data

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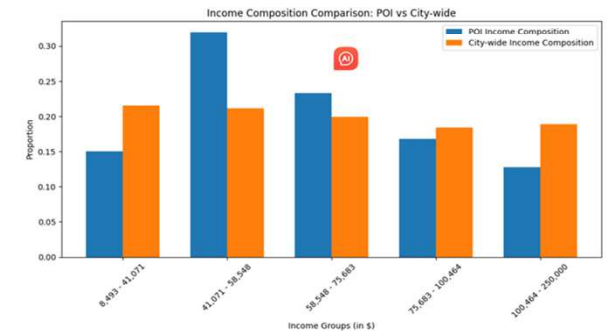
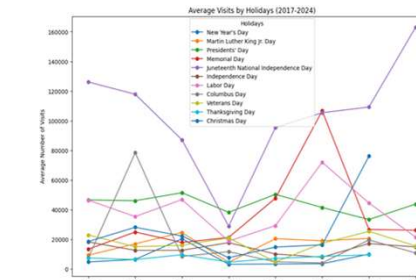
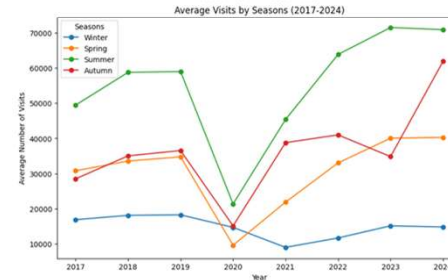
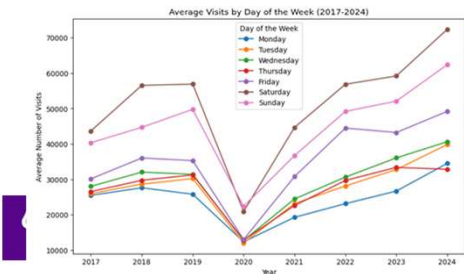
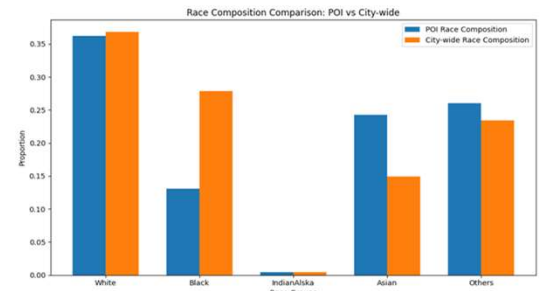
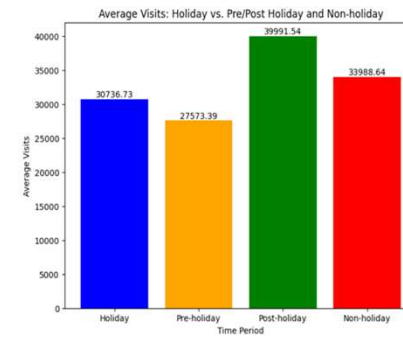
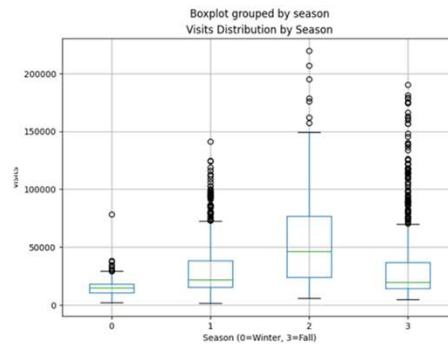
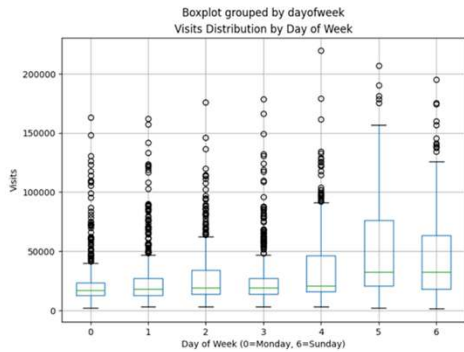
Progress Summary

Flushing Meadow Park

Identify **temporal patterns** of park visitation
(time of day, day of week, seasonal, holidays)

Quantify the **socioeconomic diversity** among park visitors

Determine the **favorite POIs** among park visitors



Policy Implications

"How do extreme weather events affect visitor behavior differently across various parks, park zones, and demographic groups?"

Climate Adaptation Policies: Our insights can inform government initiatives on climate resilience by identifying which park areas and visitor groups need specific protections.

Visitor Safety Regulations: Findings may guide park managers in developing targeted safety measures, shelters, and communication strategies for different demographics.

Event-Driven Visitation Shifts: Recent natural disasters show the need for flexible park access policies that account for diverse visitor responses to weather events.