

An aerial photograph of the Chicago skyline, featuring the Willis Tower prominently in the center. The city is surrounded by Lake Michigan, with numerous sailboats visible in the water. The sky is a clear blue, and the city's dense collection of skyscrapers is visible in the foreground and background.

CRIME IN CHICAGO

Tackling City Securities

THE STORY

Chicago Mayor Brandon Johnson's holistic and progressive approach to fighting crime . During his campaign for mayor, Mr. Johnson told the public that defunding the police was a “political goal.”

April 22, 2024, WSJ

RESEARCH QUESTION

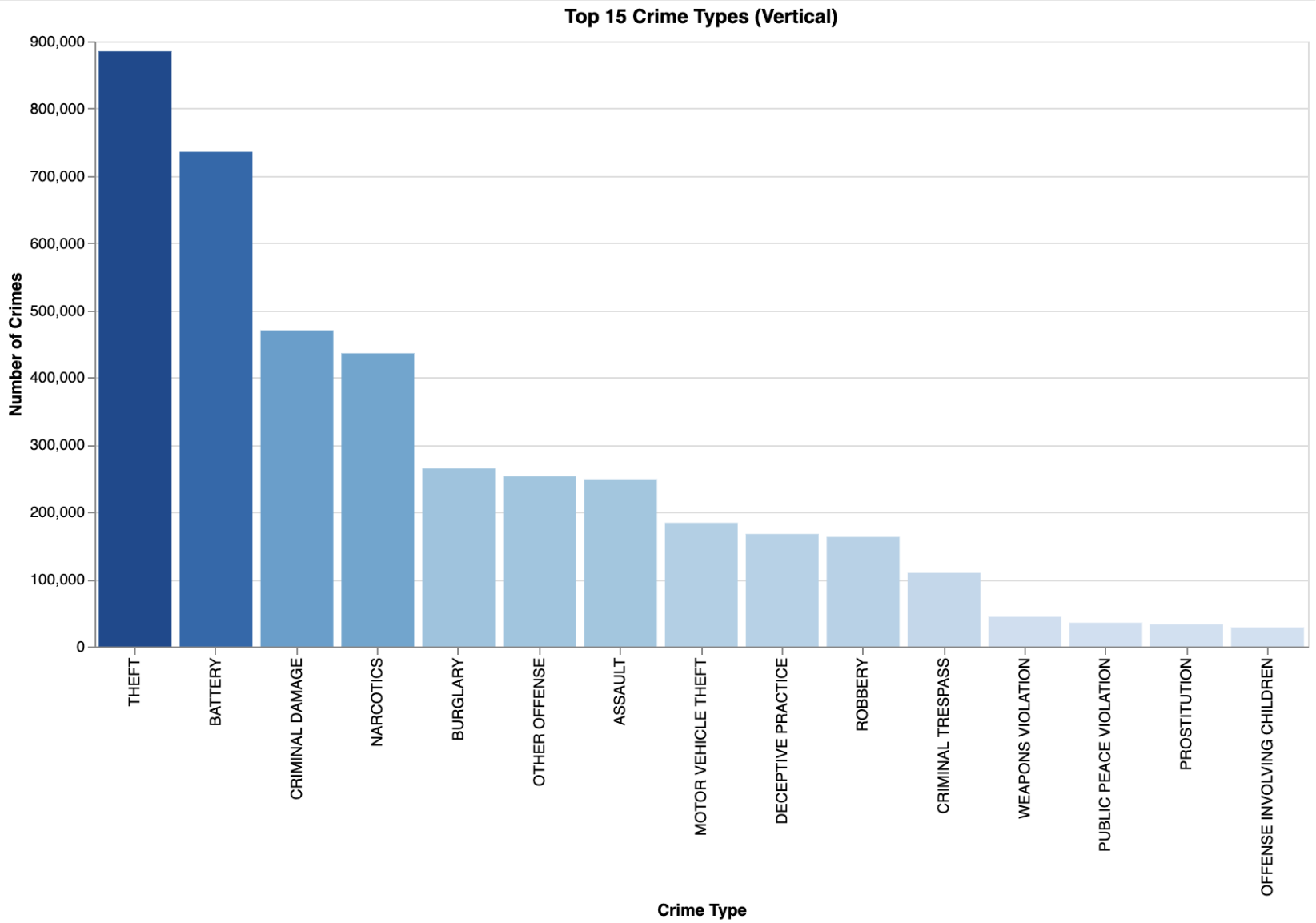
What are the key factors influencing crime patterns in terms of type, location, and seasonality over time, and how can this information inform targeted crime prevention strategies?

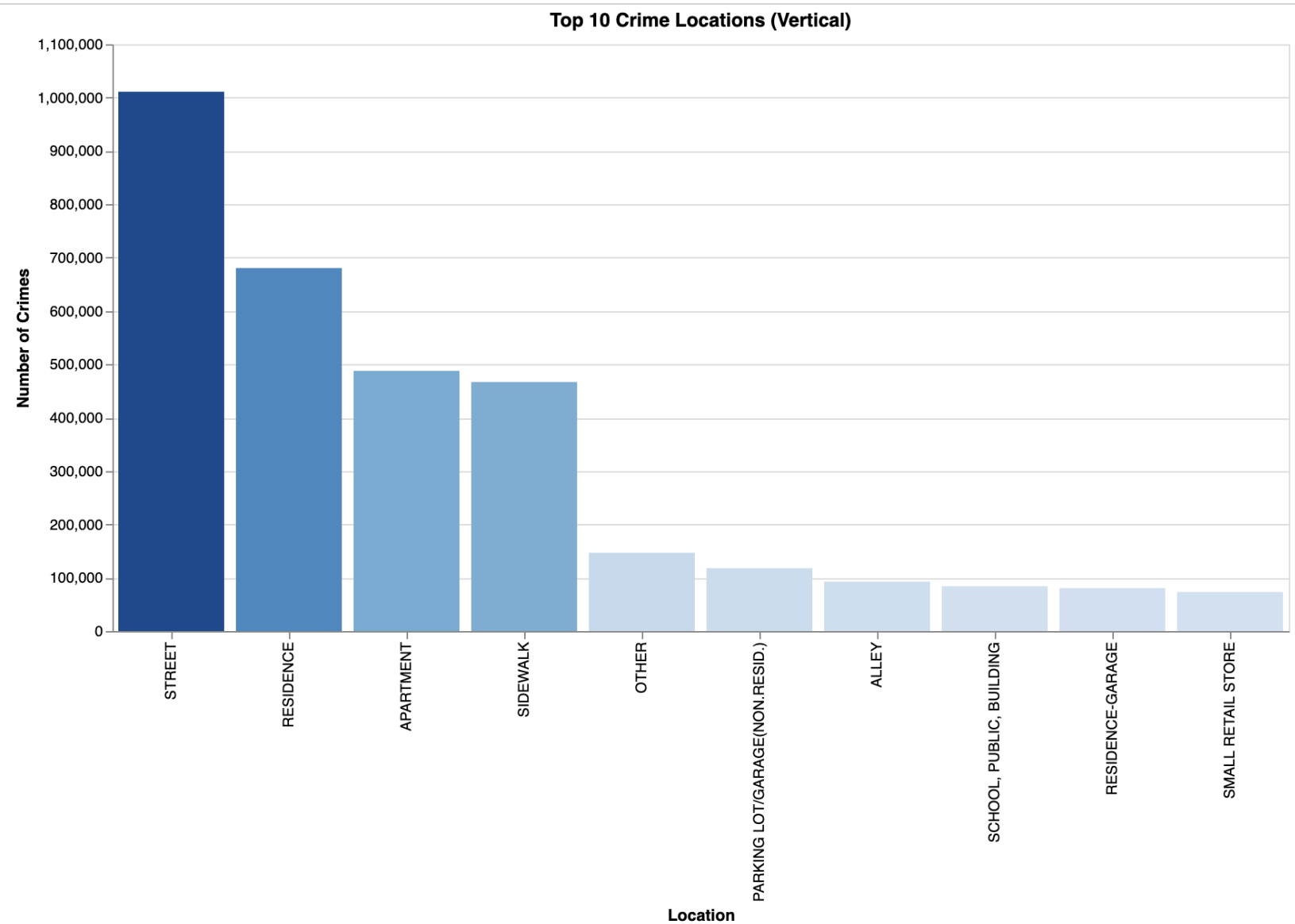
METHOD

1. DATA SOURCE: [City of Chicago Data Source](#)

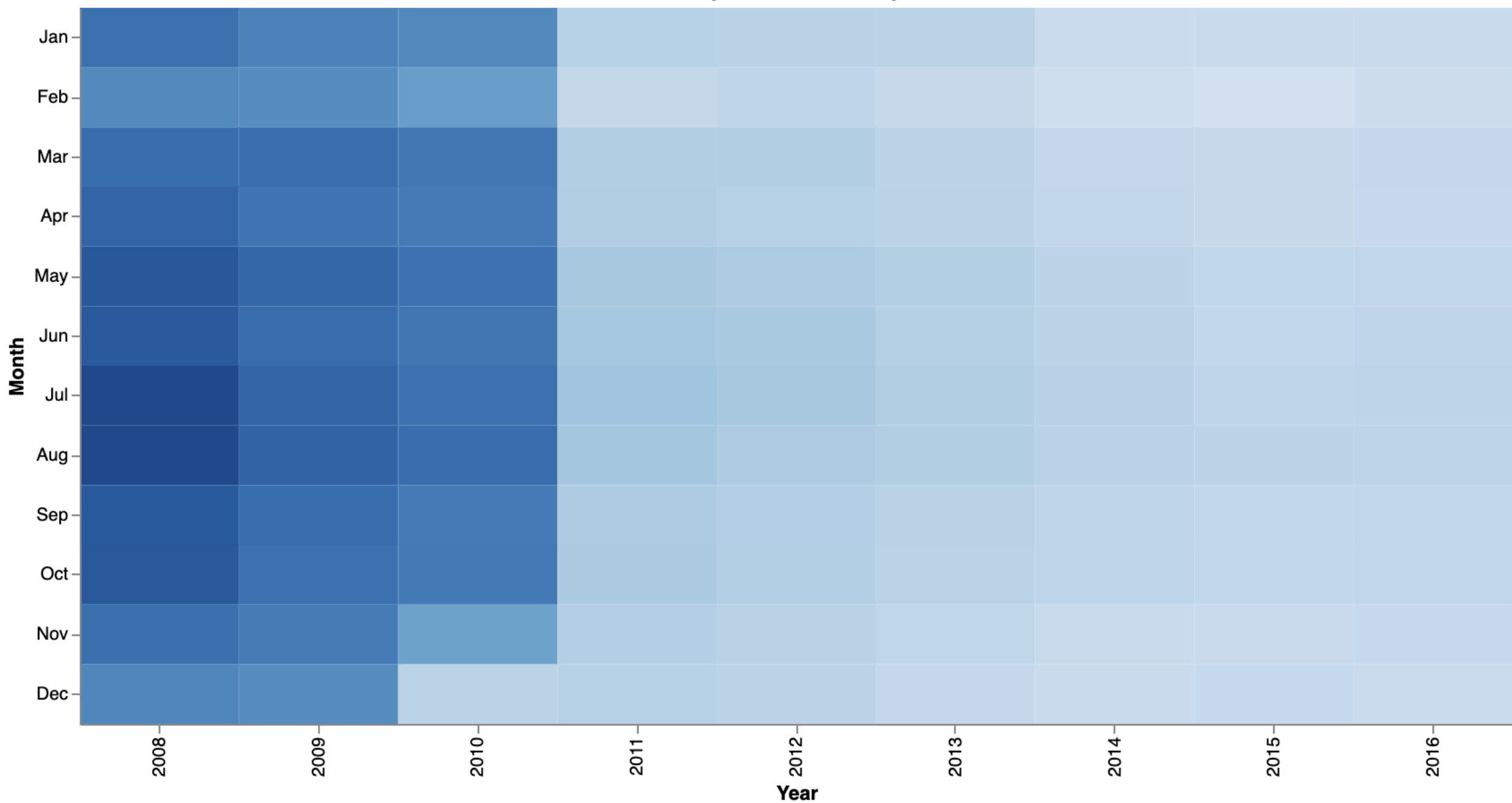
2. VS JUPYTER:

1. Data Loading and processing
2. Data Cleaning
3. Crime Type&Location Analysis
4. Time based Analysis
5. Geographic Visualization
6. Deploy Shiny App for visual analysis and presentation



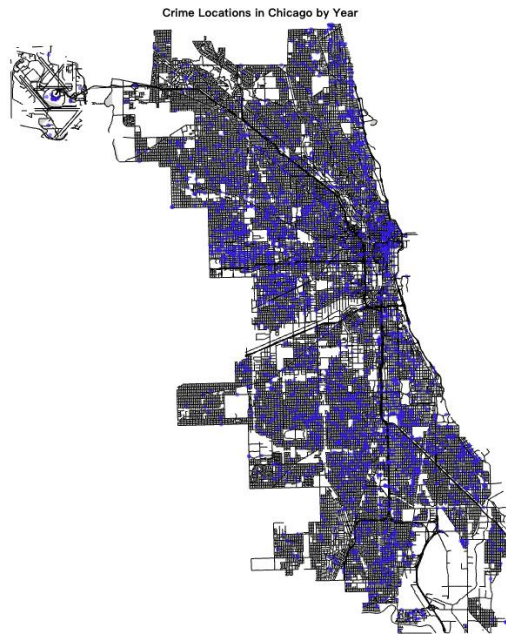


Monthly Crime Count by Year

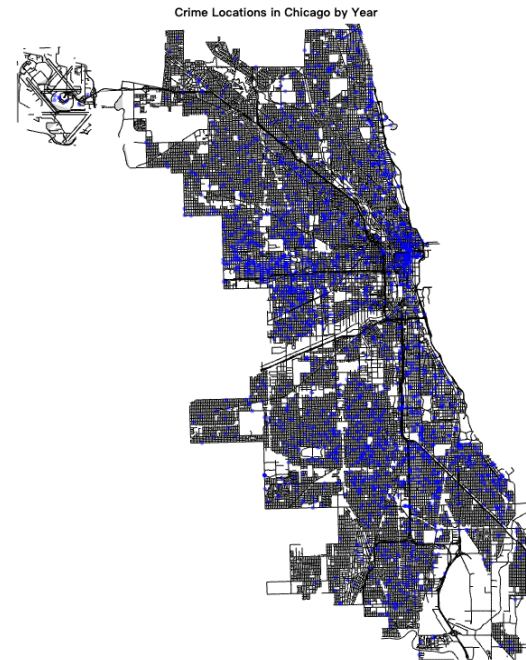


2009

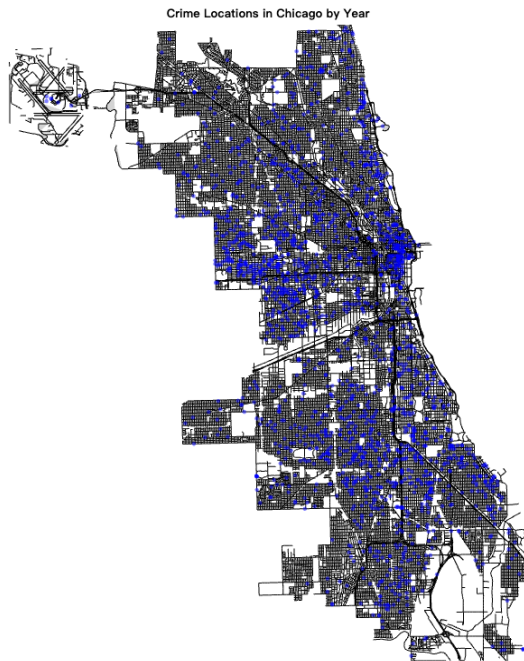
2016



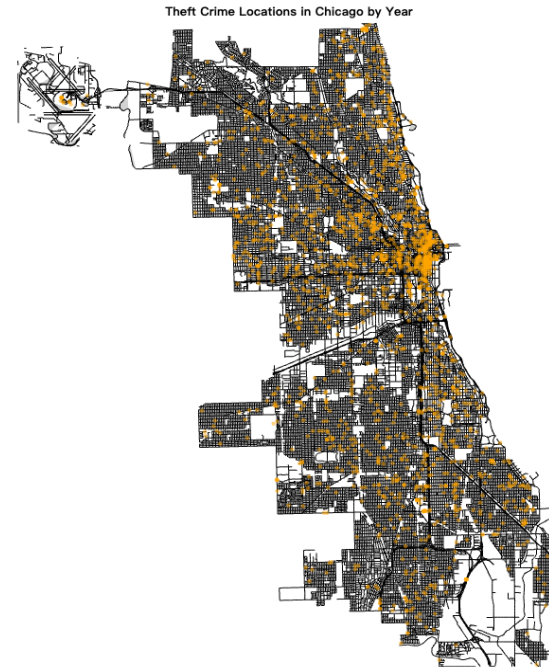
Select_Year_Year 2008 ▼



2016 CRIME DISTRIBUTION



2016- THEFT CRIME



RECOMMENDATIONS

Seasonal Crime Prevention

Welfare programs

Urban Planning

Employment Increase