

A black and white photograph of the Atlanta skyline, featuring the Bank of America Plaza and other skyscrapers, reflected in a body of water in the foreground where several ducks are swimming. A yellow vertical bar is on the left side.

Crime Rate Analysis

Atlanta, GA

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Crime rate has a direct correlation to property value and the allocation of resources among neighborhoods.

More than 91% of the communities have a lower crime rate than Atlanta. A dashboard using data from the 2021 Atlanta Police Department crime records was created to visualize crime in Atlanta.

Developing the Crime Rate Dashboard

Data Cleaning

Delivering the Data

Jupyter Notebook

App.Py Connection

The Crime Rate dashboard allows users to...

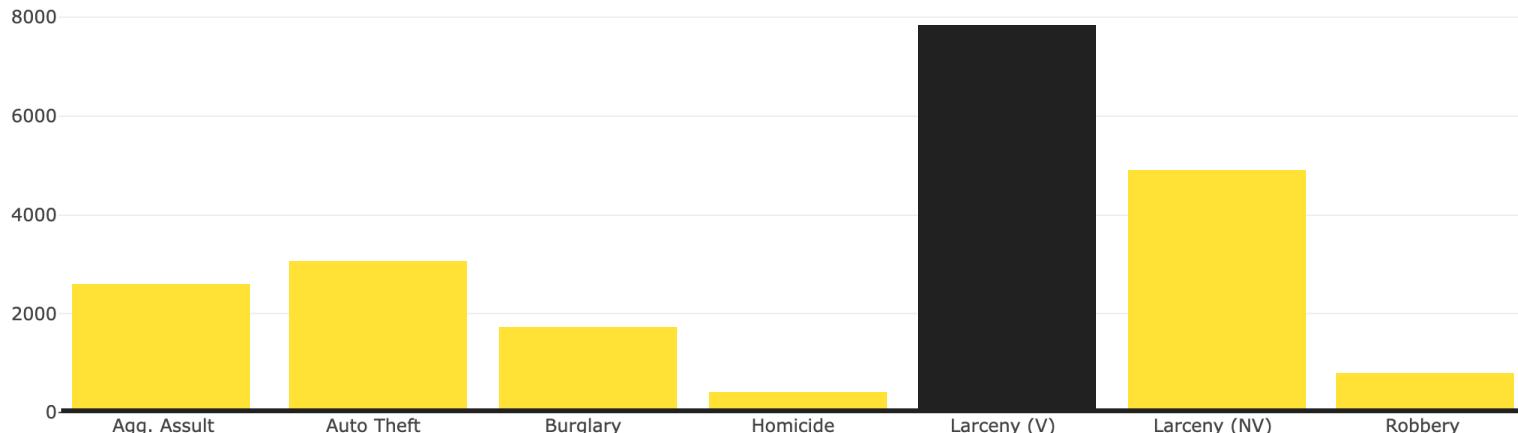
Select a neighborhood and visualize the most common crime types in their neighborhood.

Select police zone or crime type denoted by their different colors on the map.

Analyze crime rate and the most common crime types using a pie chart and line plot.

What is the most common crime type?

Most Common Crime Types in Atlanta

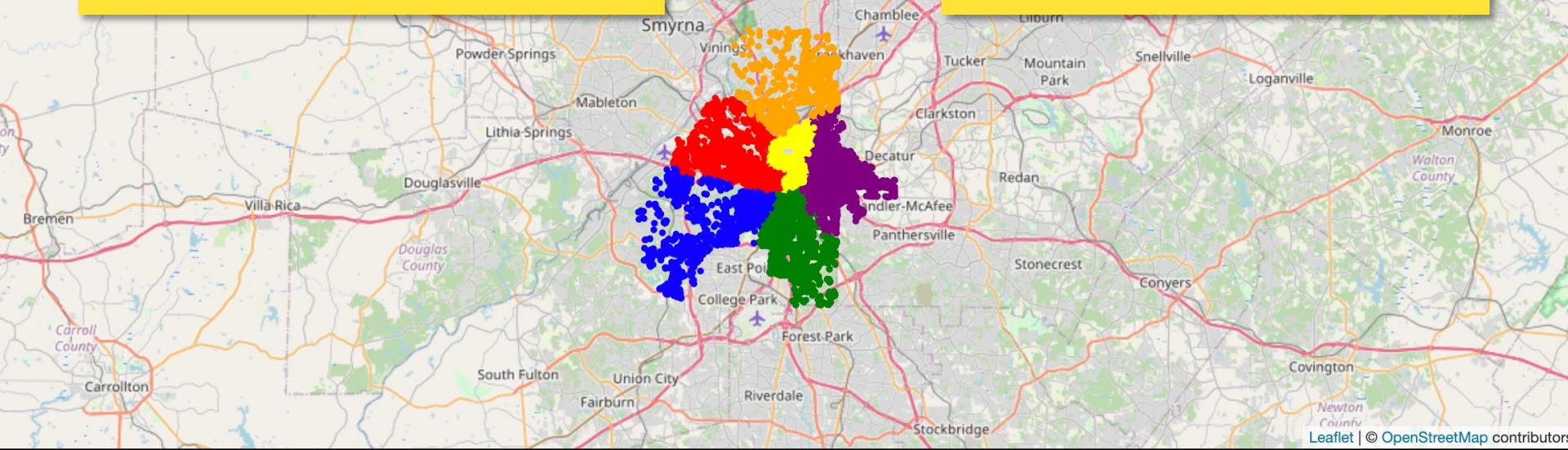
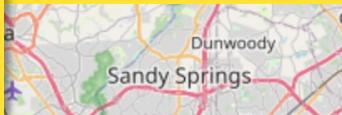


Leaflet was used to develop a map highlighting different neighborhoods.



Map Features

- Neighborhood selection
- Police Zones
- # of crimes



Conclusion

The most common type of crime in Atlanta is Larceny.

Zone 5 covers the least amount of area on map, though it has the same amount of crime as larger zones.

Unlike most cities, Atlanta does not have a similar dashboard for its citizens to utilize when searching for a new home.



Questions?

Thank You!