

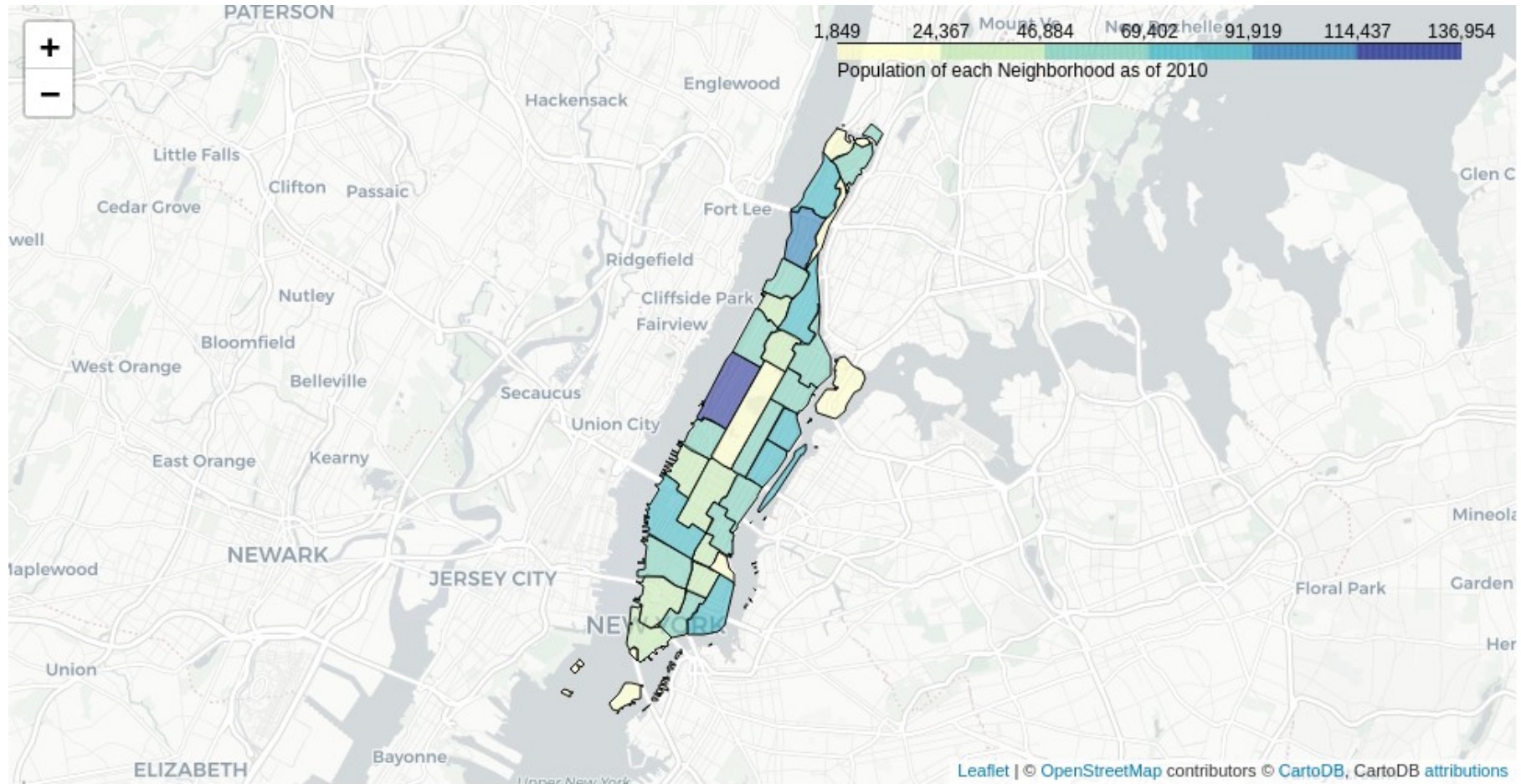
Choosing a Jazz Venue in Manhattan

- Where are the existing Venues?
- What features do the neighborhoods share?

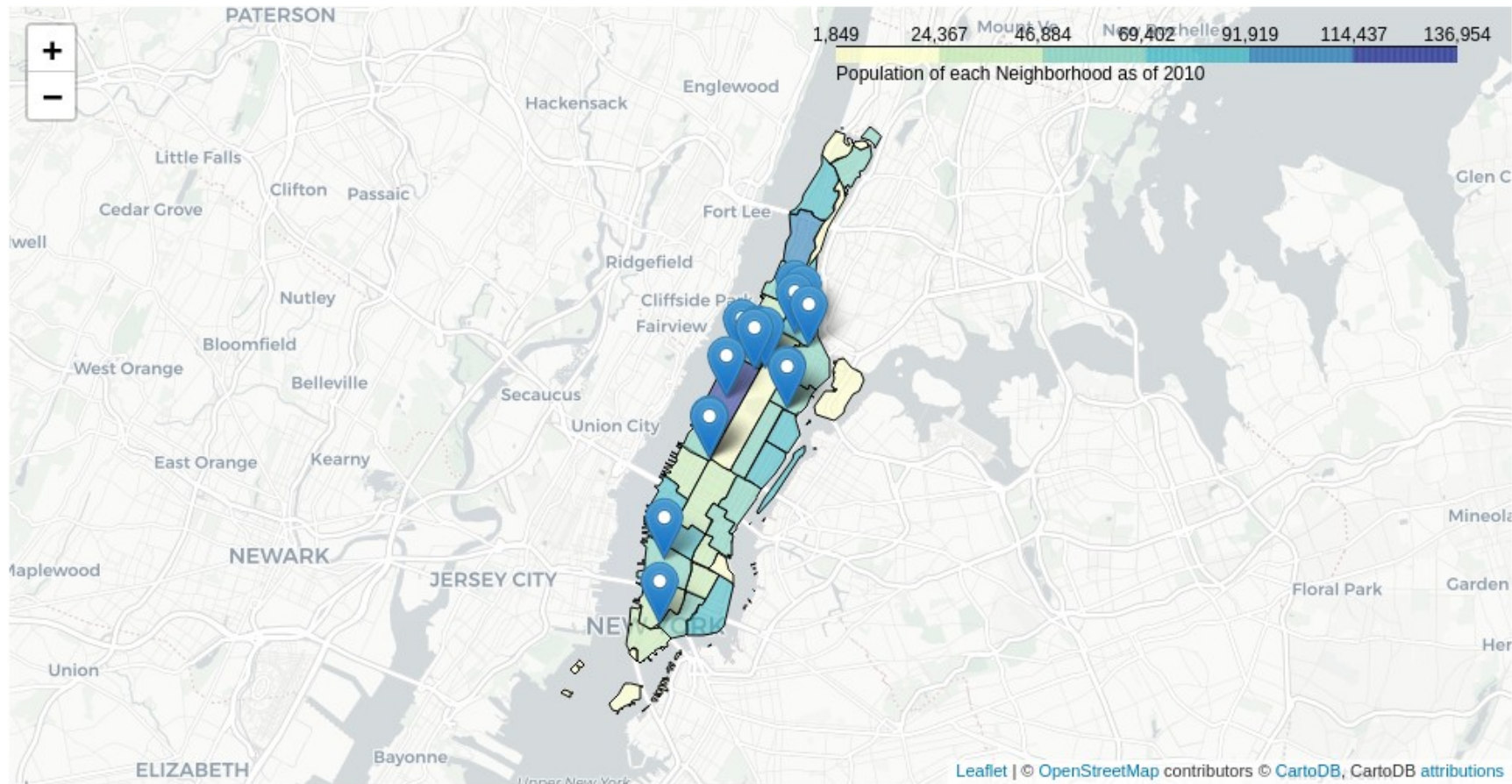
Data Acquisition

- List of neighborhoods in Manhattan – taken from https://cocl.us/new_york_dataset
- Population Density – taken from <https://opendata.cityofnewyork.us/>
- Location of existing Jazz Clubs and other venues – taken from Foursquare API

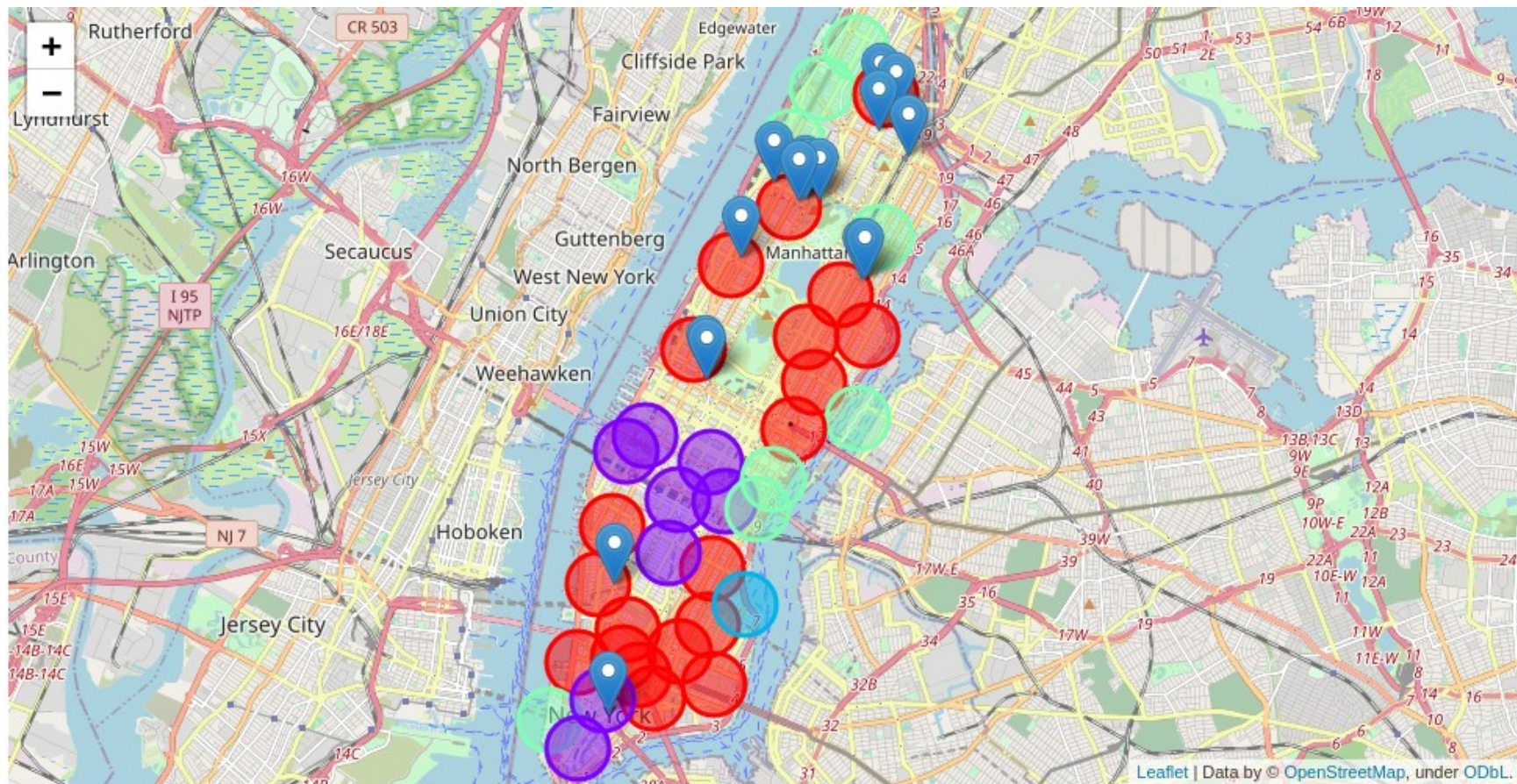
Population density



Jazz club locations



Jazz clubs with clustering



Results

- Jazz clubs are univervally located in Cluster 0 neighborhoods
- Eastern side of Manhattan has potential cluster 0 venues without a local jazz club, with similar population density

Conclusions

- This is a good indicator of potential locations
- The factors used here are not an exhaustive list
- Future research should include more research into neighborhood ambience, traffic noise, public transport options, etc.