



ABC CAR CLEANING

WHERE TO OPEN NEW LOCATIONS IN NEW YORK

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THE PROBLEM

Company Name

- ABC Car Cleaning

Location

- New York State

Problem

- Where to open new locations

DATA EXPLANATION

Data set #1

- The first data set is from the US Census bureau,
- This data set has all the counties of the US
- And then I extract all New York counties from them

Data set #2

- A data set of all current Car Wash locations in New York
- This Data set was generated via the Foursquare API

DATA SETS USED

This is an example of the NY counties Data Set

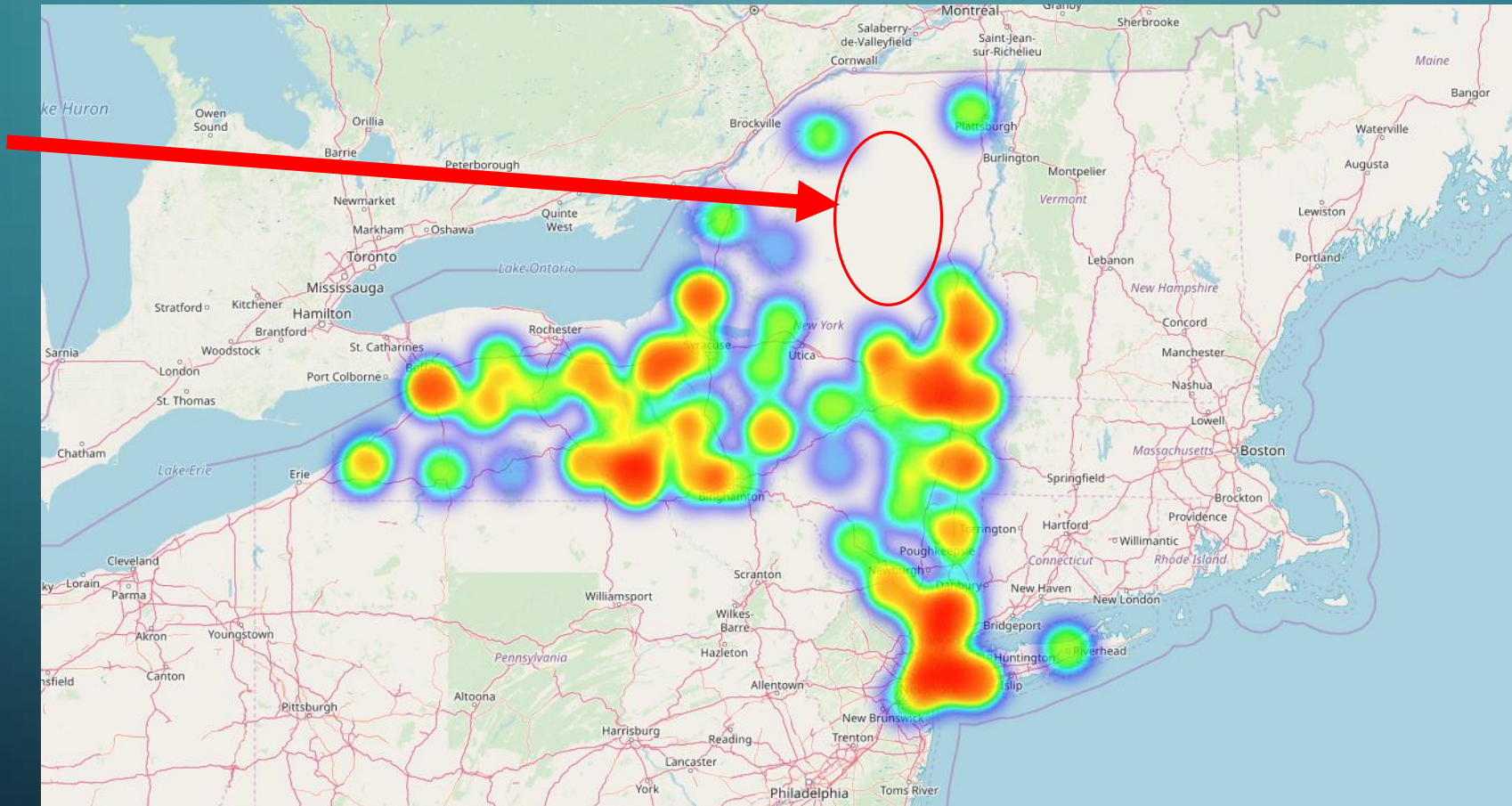
state_abbr	geoid	name	latitude	longitude
NY	36001	Albany County	42.588240	-73.974010
NY	36003	Allegany County	42.247853	-78.026153
NY	36005	Bronx County	40.848711	-73.852939
NY	36007	Broome County	42.161977	-75.830283
NY	36009	Cattaraugus County	42.239099	-78.662332

This is an example of the Foursquare Data Set

	name	location.lat	location.lng
	Advanced Car Wash	42.653310	-73.926680
	The Employer Alliance for Affordable Health Care	42.613623	-73.973587
	Office Ala Carte	42.614497	-73.972085
	Carl's Hearth Services	42.578463	-73.880506
	Sounds And Motion Car Audio	42.656670	-73.928864

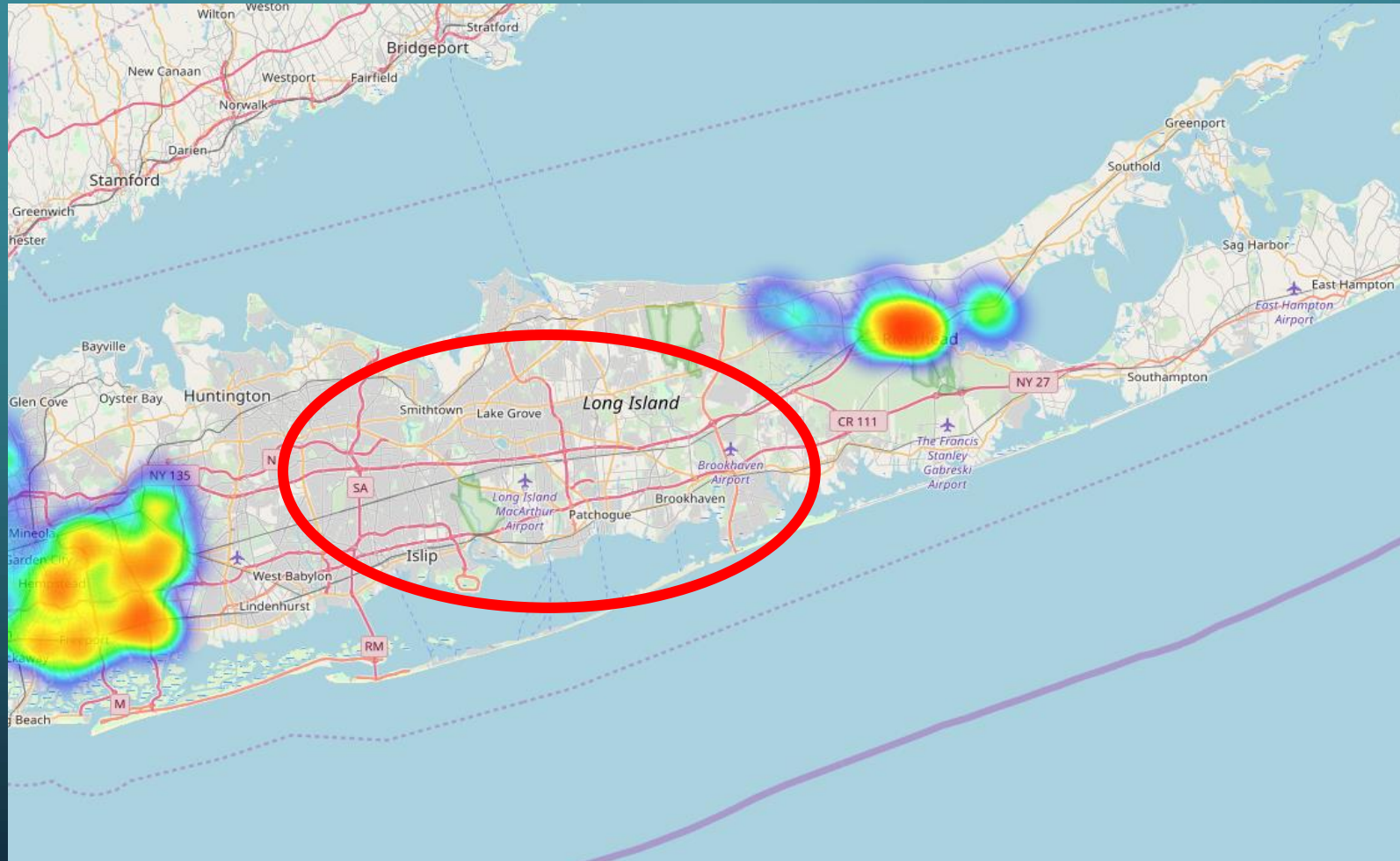
RESULTS IN THE WHOLE NEW YORK

There is no any
Car Washes in
Upstate New York



RESULTS IN LONG ISLAND

In Long Island
there is definitely
place for more
Car Washes



FINAL RESULT

- After viewing the heat map, we can clearly see that in Long Island there is a nice part of where there is no Car Wash,
- as well as more in Upstate NY above Lake George there is also not a lot of Car Washes
- However, it will be worth to do an extra layer of analysis and get the vehicle registration data from the New York DMV to compare the number of cars per area with the amount of Car Washes