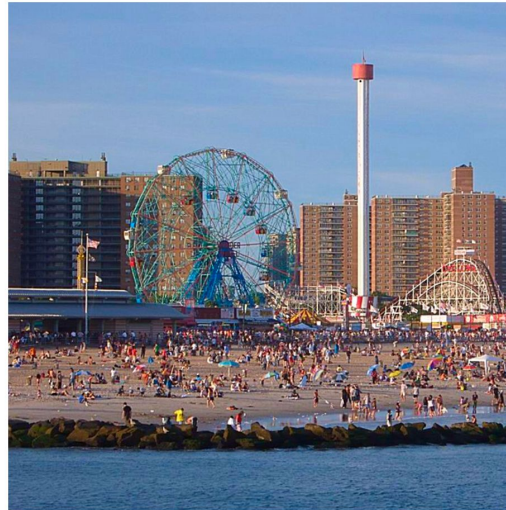


The Battle of Neighborhoods

Venues vs Crime in Brooklyn

Intro

- Location:
Brooklyn, New York
- Data sources:
NYPD opendata,
Foursquare API
- Data science technique:
K-means clustering



- NYPD Arrest Data
- NYPD Complaint Data

- NYPD Arrest Data
- NYPD Complaint Data

Open Data is free public data published by New York City agencies and other partners. **Share your work during Open Data Week 2021** or **sign up for the NYC Open Data mailing list** to learn about training opportunities and upcoming events.

Search Open Data for things like 311, Buildings, Crime



Foursquare data

FOURSQUARE

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Each API call:

- 500 m radius
- 100 closest venues

`/places`

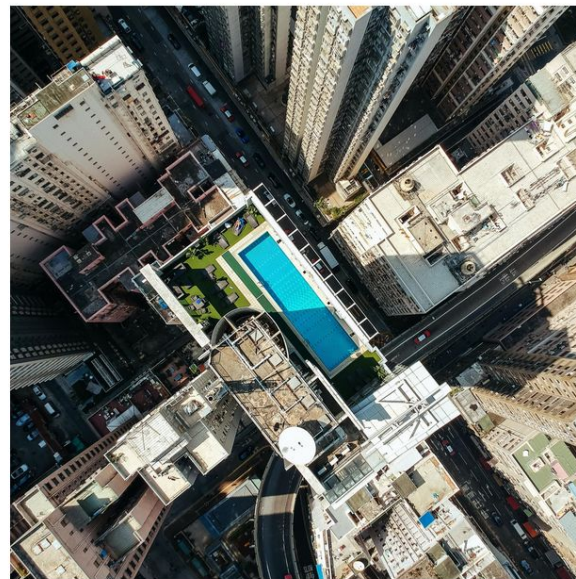
Search and discover with our map of the world

Our global point-of-interest (POI) data, rich with context, is based on over 46K trusted sources and validated by millions of consumers. Create location-based experiences with a map unlike any other.

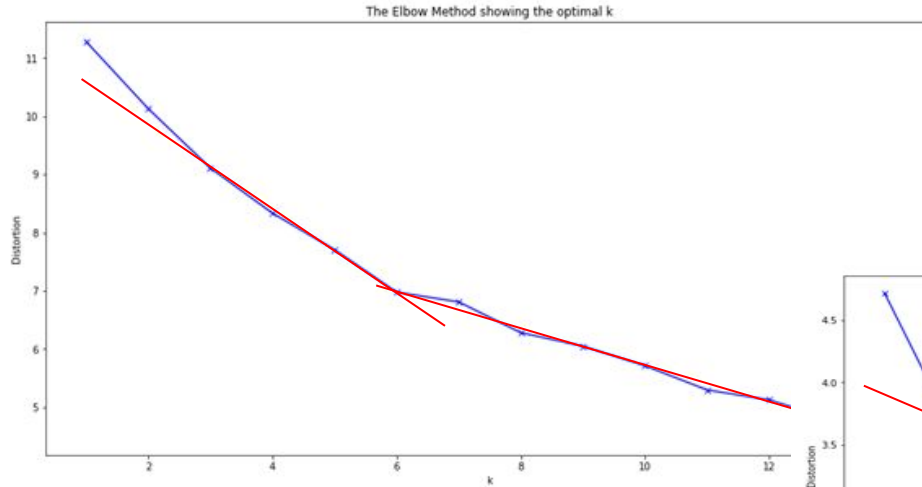
Contact an expert



Sign Up

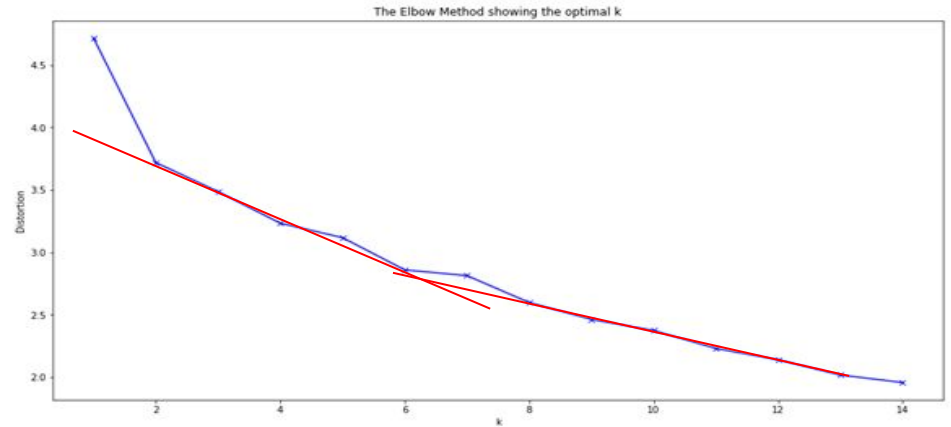


Clustering



Foursquare data >
6 clusters

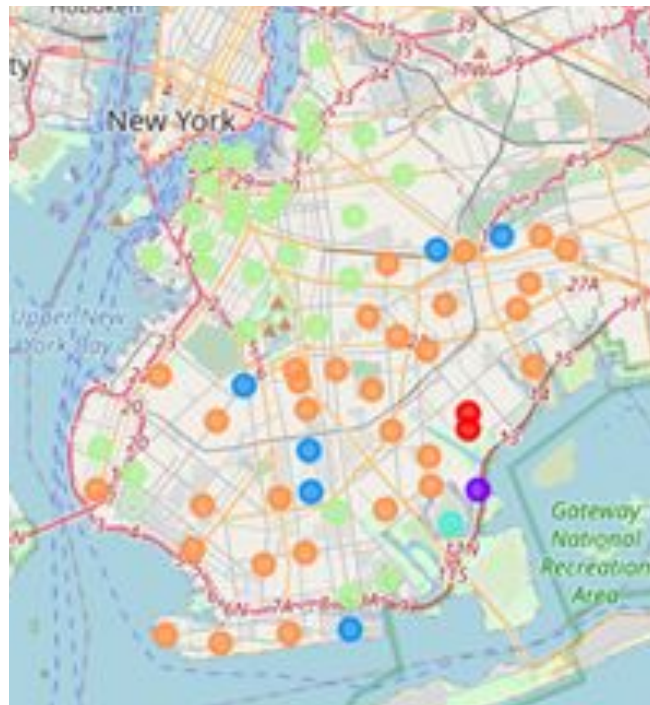
< NYPD data
6 clusters



Results



< NYPD data



Foursquare data >

The End