# New Indian Restaurant

Toronto
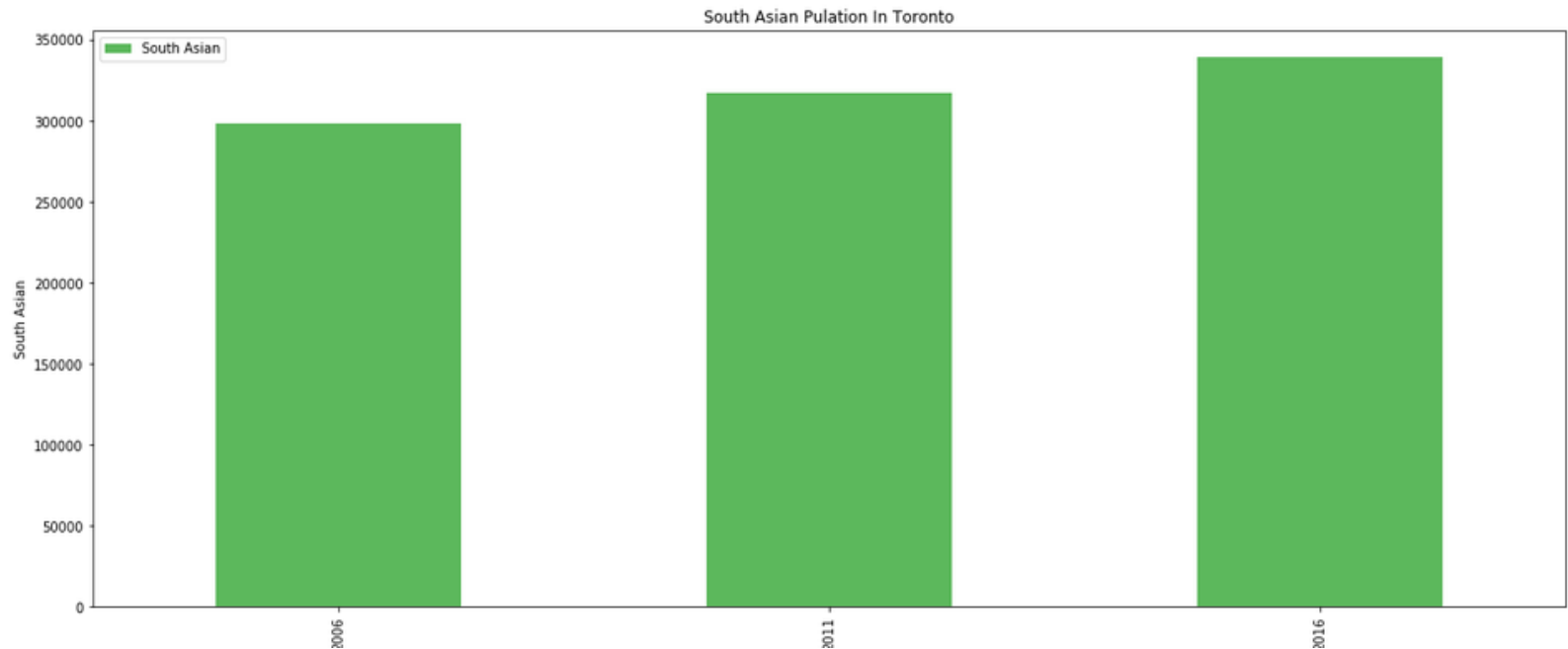
# Indian Population In Toronto

| City | Indian | Percentage |
|:---:|:---:|:---:|
| Toronto | 643370 | 10.40% |

For opening a New Indian Restaurant in Toronto population of Indian community is important. As per the Wikipedia data more then 10 % of population of Toronto is Indian
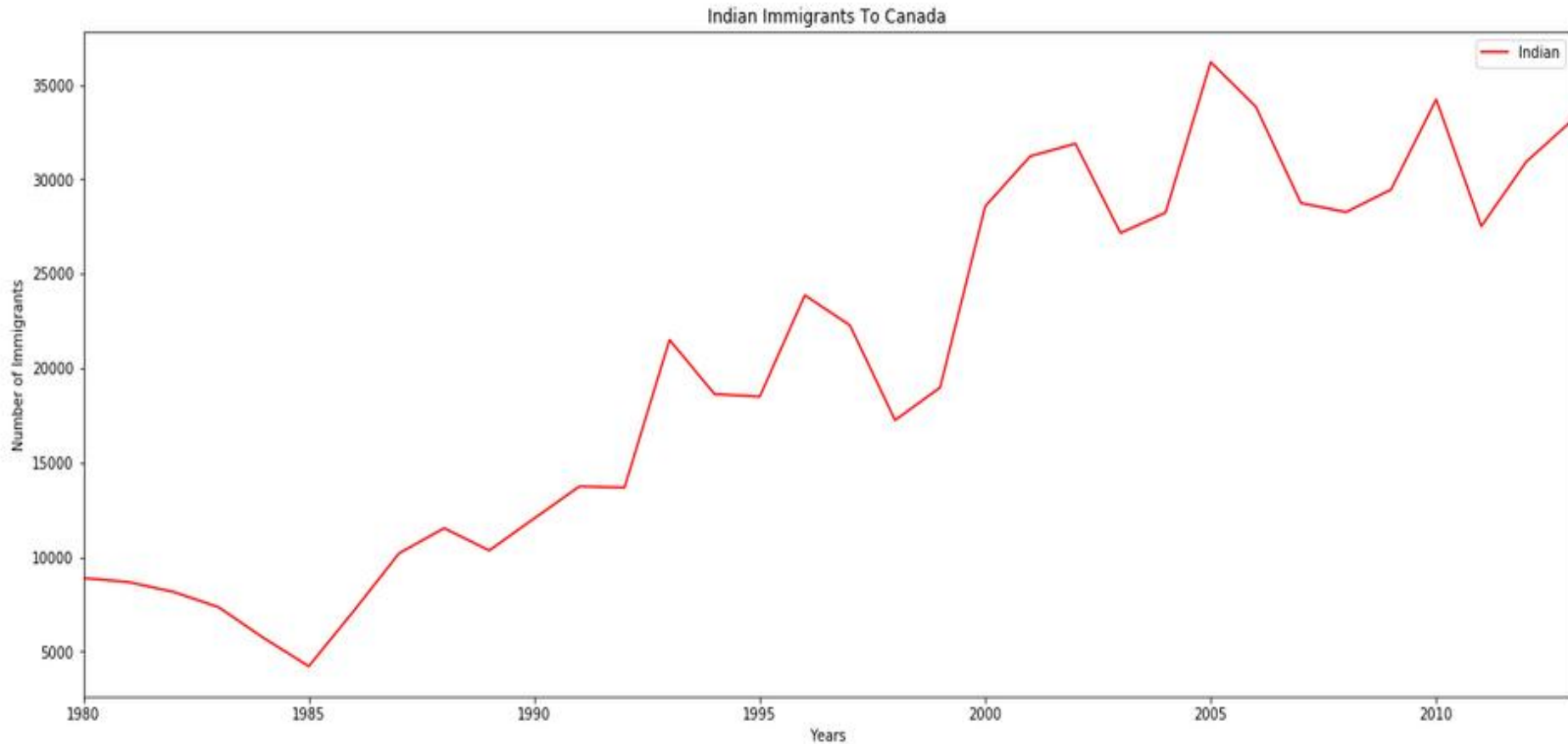
# Trends of South Asian Population

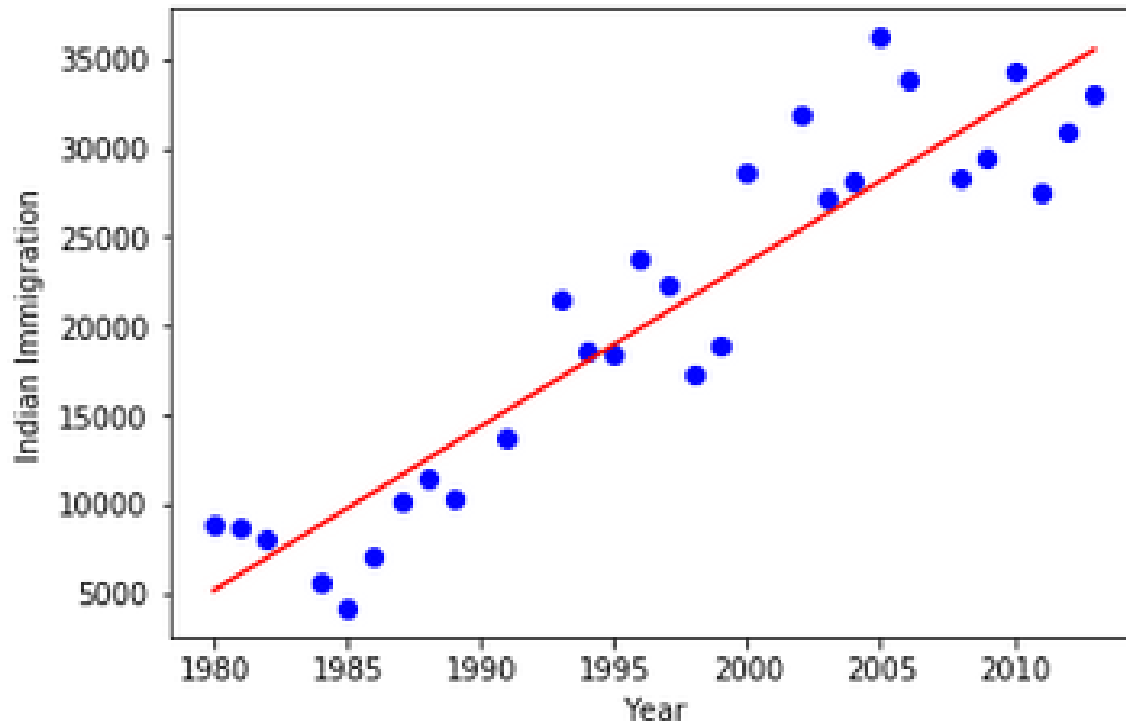| | 2006 | 2011 | 2016 |
|---|---|---|---|
| South Asian | 298370 | 317100 | 338965 |

South Asian Pulation In Toronto

# Demography of Toronto



Demography of Toronto "None-European(White)"
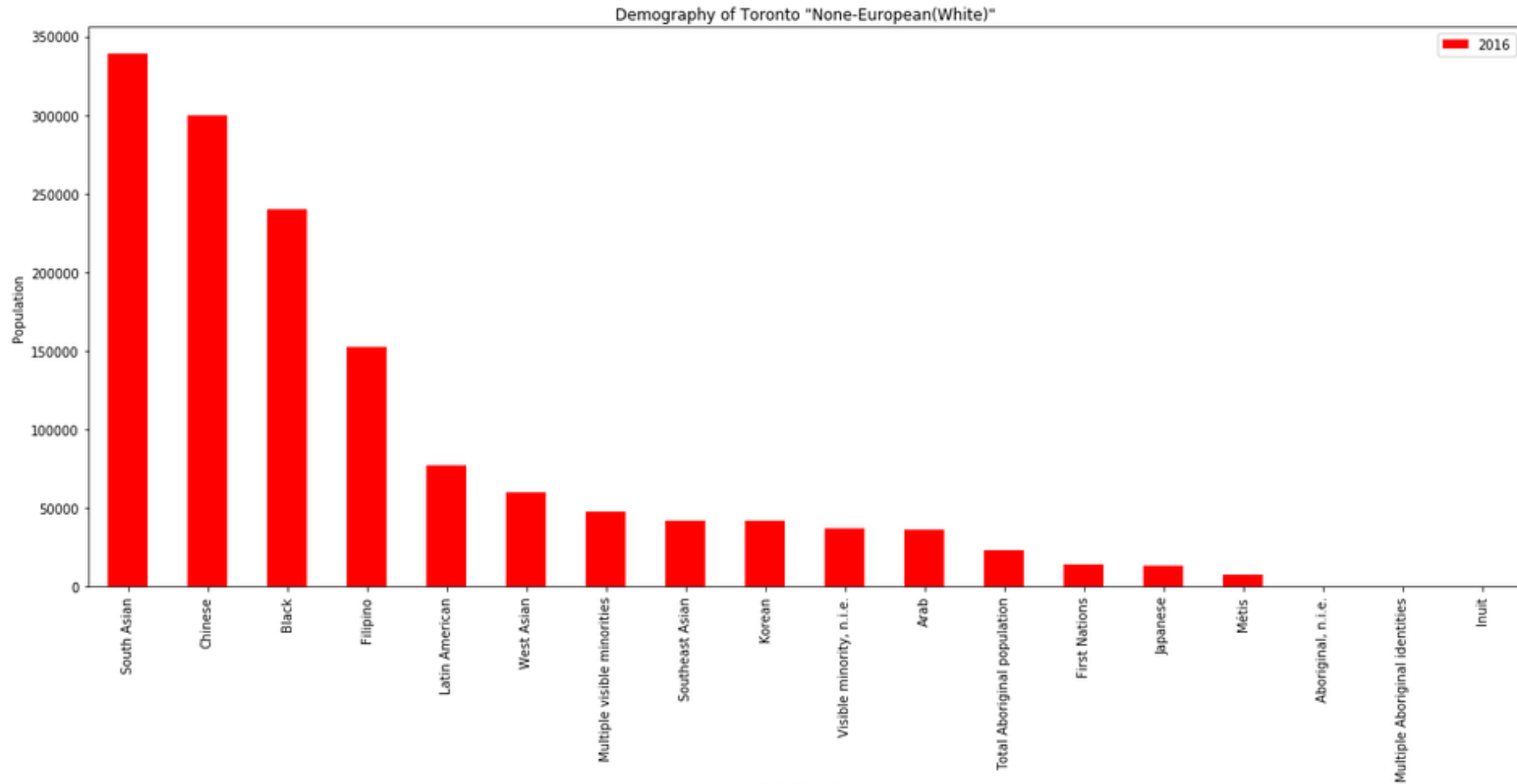
# Indian Immigration to Canada
# 1983 – 2013



Indian Immigrants To Canada

# Immigration Prediction (2025) Linear Regression



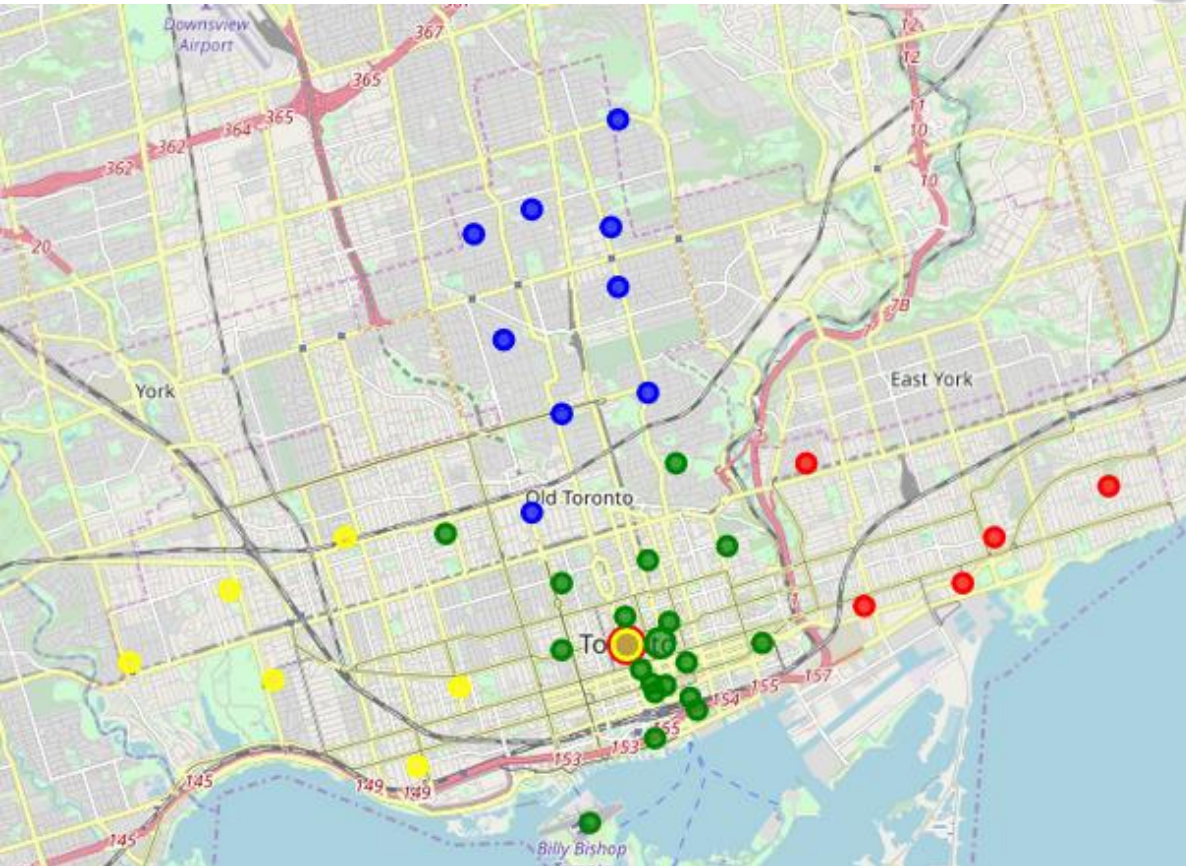| Year | Indian |
|------|--------|
| 2020 | 42305 |
| 2021 | 43239 |
| 2022 | 44173 |
| 2023 | 45108 |
| 2024 | 46042 |
| 2025 | 46976 |

This is very encouraging for new Indian Restaurant in Toronto

# Neighborhoods
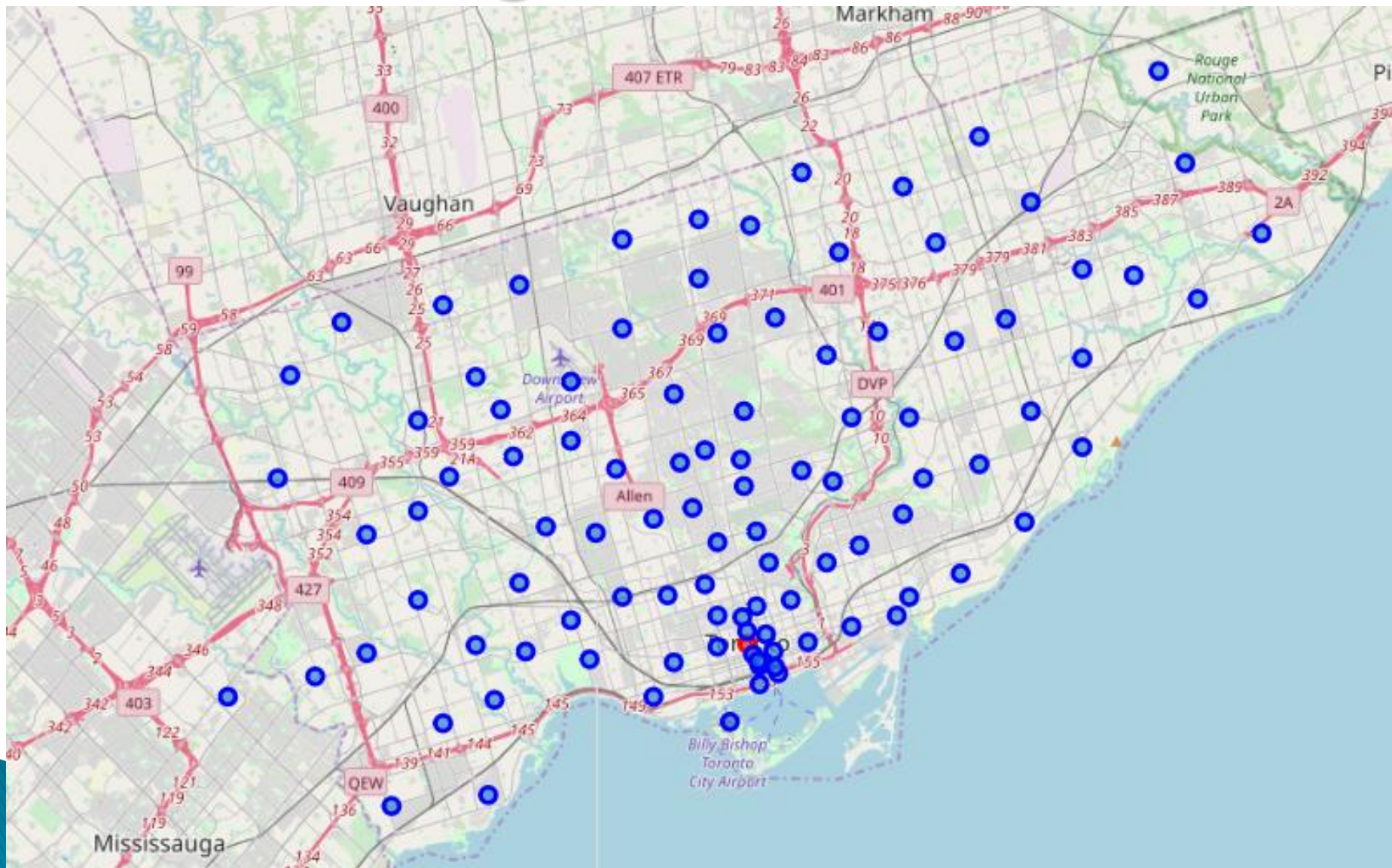
# Neighborhoods Of Toronto Clustering



| Borough | Neighborhood | Latitude | Longitude |
|---------|--------------|----------|-----------|
| East Toronto | The Beaches | 43.676357 | -79.293031 |
| East Toronto | The Danforth West, Riverdale | 43.679557 | -79.352188 |
| East Toronto | The Beaches West, India Bazaar | 43.668999 | -79.315572 |
| East Toronto | Studio District | 43.659526 | -79.340923 |
| Central Toronto | Lawrence Park | 43.72802 | -79.38879 |
| … | …. | .. | .. |
| … | …. | .. | .. |

# Neighborhood Of Central Toronto

| Borough | Neighborhood | Latitude | Longitude |
|---|---|---|---|
| Central Toronto | Lawrence Park | 43.72802 | -79.38879 |
| Central Toronto | Davisville North | 43.712751 | -79.390197 |
| Central Toronto | North Toronto West | 43.715383 | -79.405678 |
| Central Toronto | Davisville | 43.704324 | -79.38879 |
| Central Toronto | Moore Park, Summerhill East | 43.689574 | -79.38316 |
| … | …. | .. | .. |
| … | …. | .. | .. |

# K-Mean Clustering – Centroids
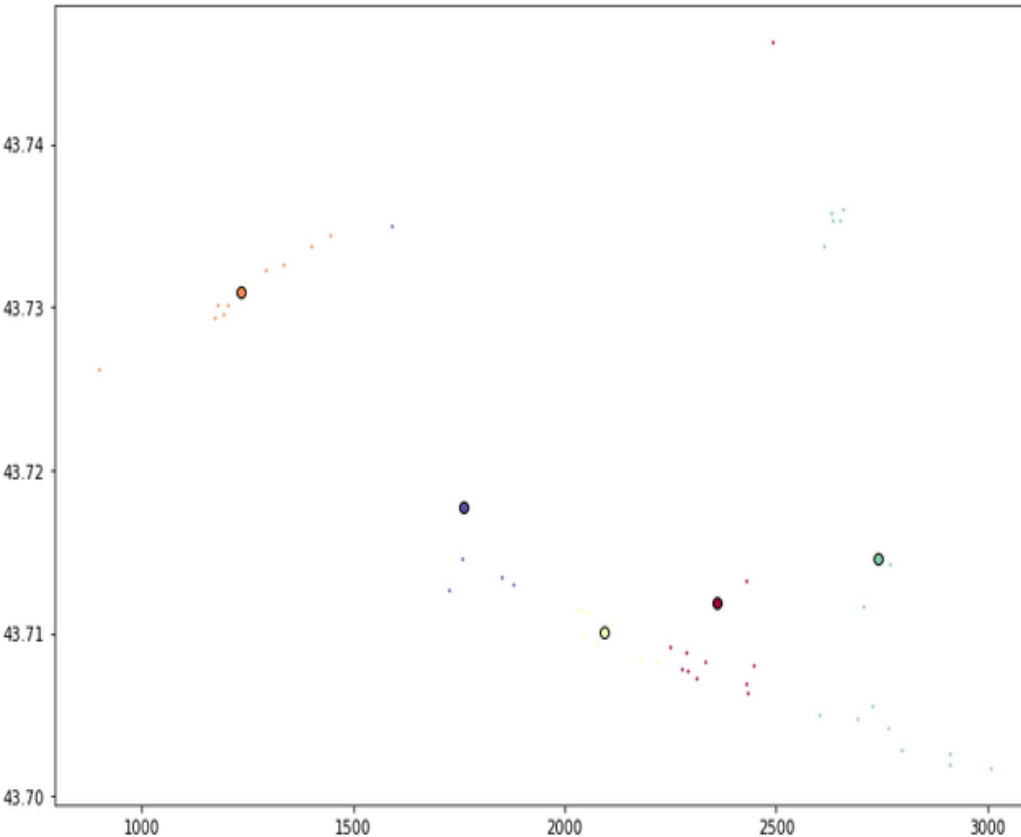


| | distance | lat | lng |
|---|---|---|---|
| Clus_km | | | |
| 0 | 2093.75 | 43.710103 | -79.39558 |
| 1 | 2742.25 | 43.714588 | -79.396789 |
| 2 | 1235.667 | 43.730912 | -79.403304 |
| 3 | 2361.455 | 43.711813 | -79.39197 |
| 4 | 1760.8 | 43.71773 | -79.399427 |

# Distribution – Indian Restaurant



Neighborhoods of Central Toronto Borough

# Candidate Location
# New Indian Restaurant

| Neighborhood Name | Indian Restaurants |
|---|---|
| Davisville | 4 |
| **Davisville North** | **1** |
| **Deer Park, Forest Hill SE, Rathnelly, South Hill, Summerhill West** | **1** |
| Forest Hill North, Forest Hill West | 2 |
| Lawrence Park | 3 |
| Moore Park, Summerhill East | 4 |
| The Annex, North Midtown, Yorkville | 6 |

# Candidate Neighborhood Central Toronto



Indian Restaurant in Central Toronto Neighborhoods
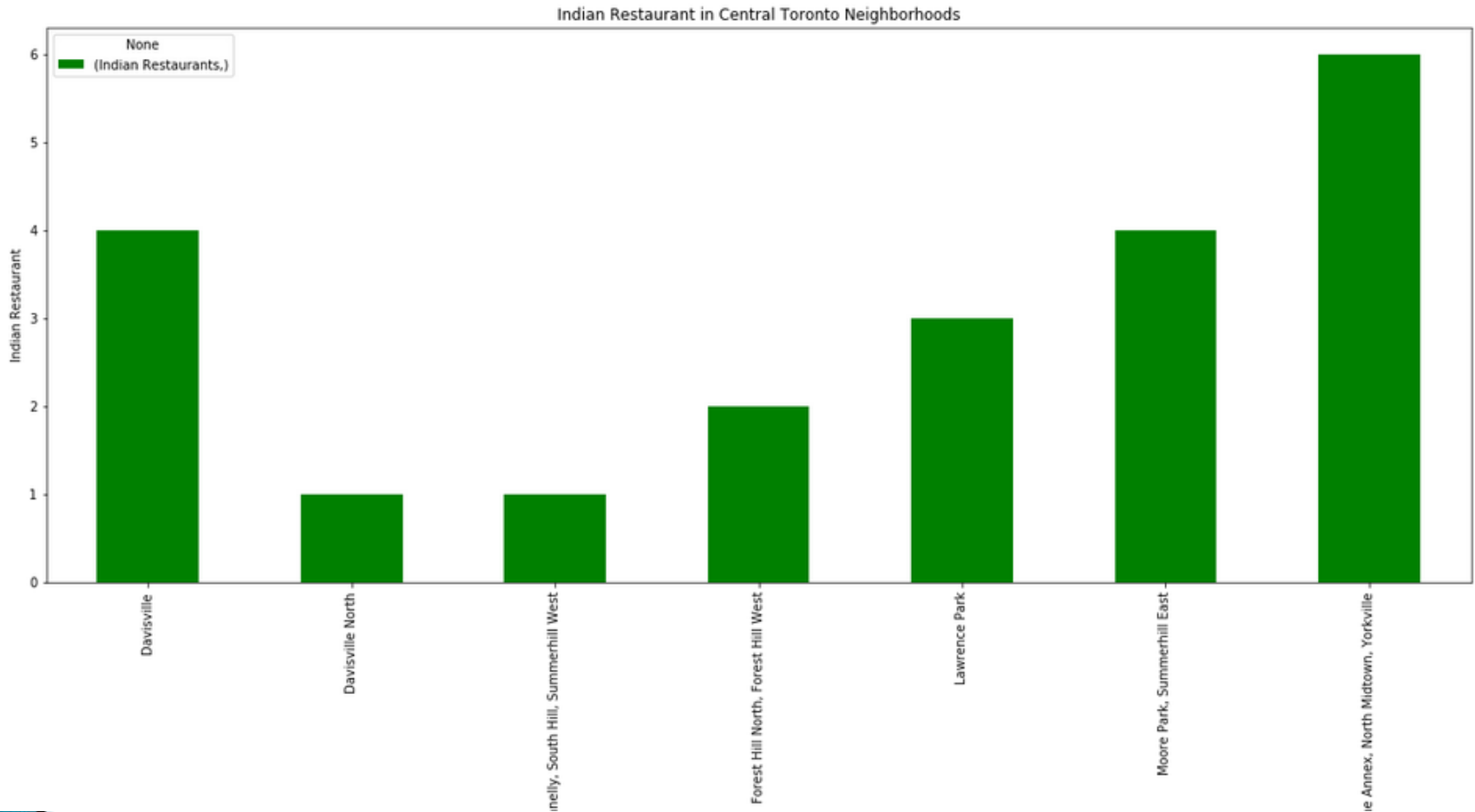
Neighborhood with minimum number of Indian Restaurant is a ideal candidate location

# Conclusion

- Purpose of this project was to identify a location for opening a new Indian restaurants in order to aid stakeholders in narrowing down the search for optimal location. By analyzing restaurant distribution from Foursquare data we have first identified general boroughs that justify further analysis (Central Toronto), and then generated extensive collection of locations which satisfy some basic requirements regarding existing nearby Indian restaurants. Clustering of those locations was not requires because some of the neighborhoods has only few Indian restaurants present so near by locations restaurants are good for opening a new Indian restaurant in Toronto .This works as a starting point for final exploration by stakeholders.

- Final decision on optimal restaurant location will be made by stakeholders based on specific characteristics of neighborhoods and locations in every recommended zone, taking into consideration additional factors like attractiveness of each location (proximity to park or water), levels of noise / proximity to major roads, real estate availability, prices, social and economic dynamics of every neighborhood etc.