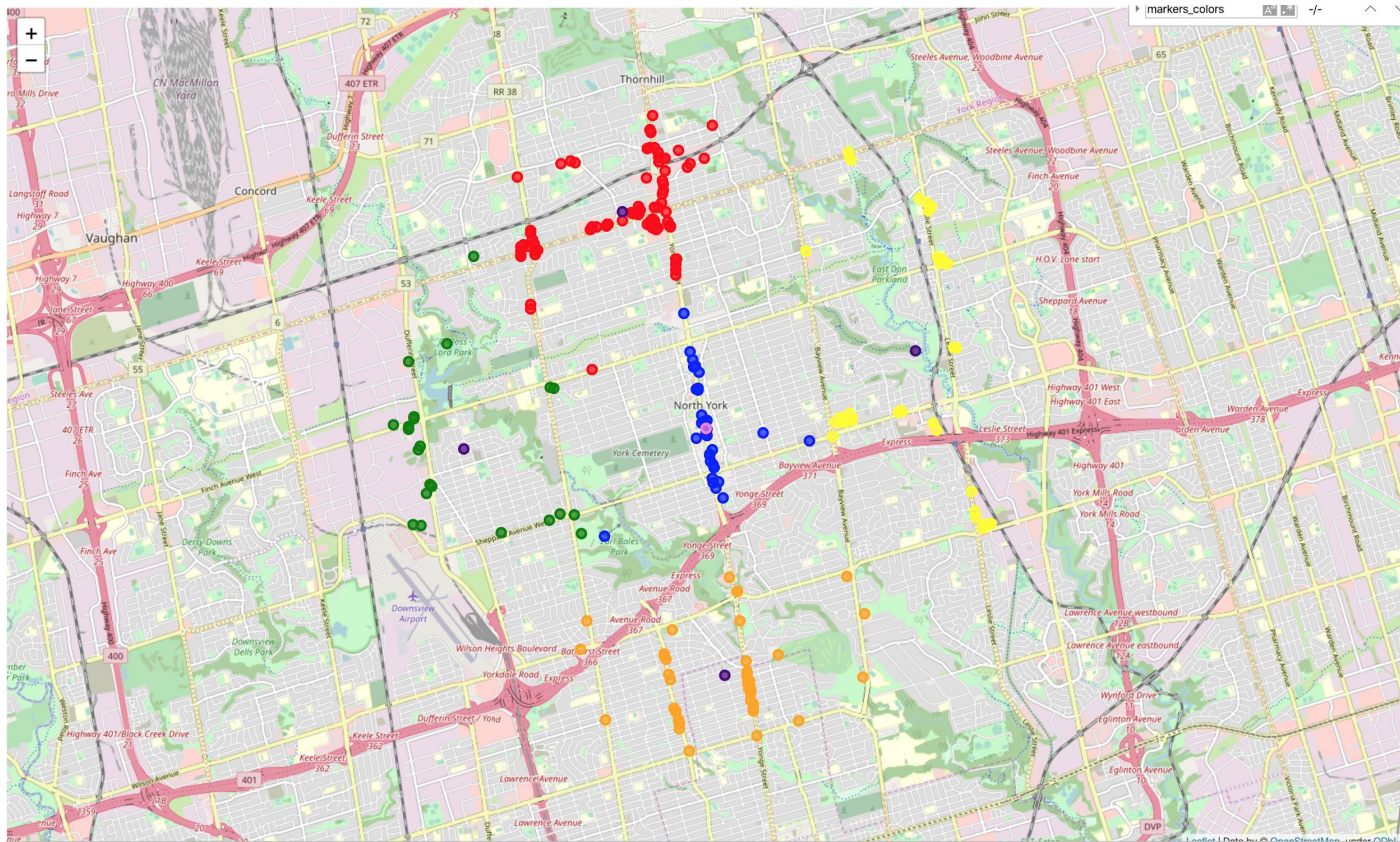# Grouping Restaurants near My Home

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Introduction

- If I'm going out near my house to eat at a restaurant, where should I go so that there will be many restaurants nearby to choose from?

Data

- Lat/Lng of my home address (8 Hillcrest Ave)
- Lat/Lng's of nearby restaurants within 5km
- Category and restaurant names
- Can utilize Foursquare APIs to get all the above

Result

Result (cont'd)

- 5 clusters, 230 restaurants in total
- One of the cluster center is my home address, with 32 restaurants nearby

Conclusion

- It's good to start walking out my home to explore all those 32 restaurants with minimal travel distance:)