



CAPSTONE PROJECT

The battle of neighborhood – does living in downtown work for everyone?

- ▶ Immigrants of Toronto
- ▶ Downtown? Or Suburbs?
- ▶ Rent/Convenience

INTRODUCTION

- ▶ Postal codes, borough and neighborhood of Toronto from Wikipedia page
- ▶ Python geometry library
- ▶ Foursquare API
- ▶ Apartment renting websites

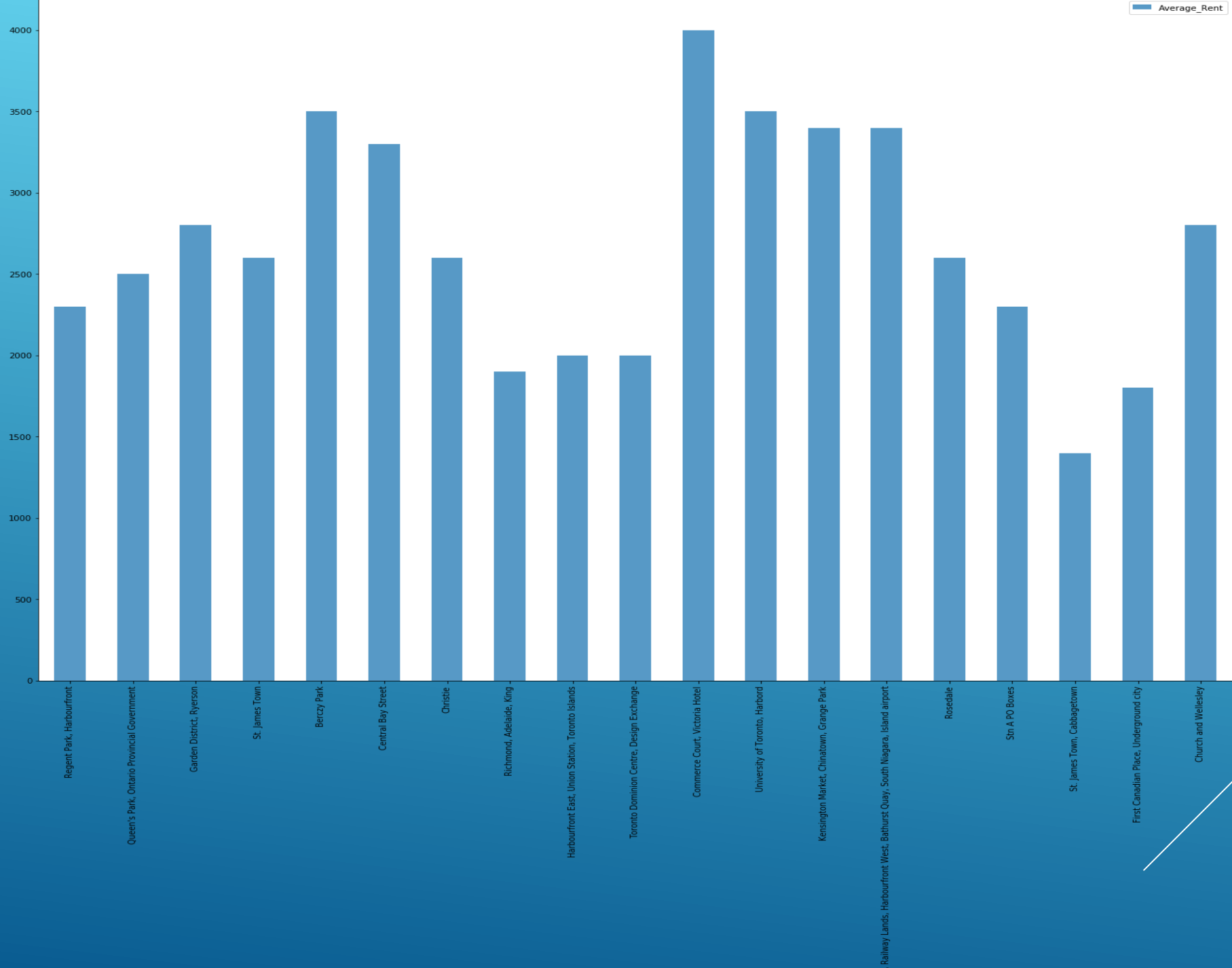
DATA

- ▶ Scrape and clean data
- ▶ Map the neighborhood using folium
- ▶ Find the most common nearby venues using Foursquare
- ▶ Kmeans Clusters

METHODOLOGY

- ▶ Top 3 categories: coffee shops, clothing stores and hotels
- ▶ Cluster 0: Coffee Shops
Cluster 1: Parks
Cluster 2: Grocery Store
- ▶ High rent
- ▶ Less convenient

RESULTS



- ▶ More social places than living essentials
- ▶ Not suitable for immigrant families with many members
- ▶ Living in downtown does not work for most immigrant families
- ▶ Christie can be a good location
- ▶ Future problem: locate a new restaurant

DISCUSSION & CONCLUSION