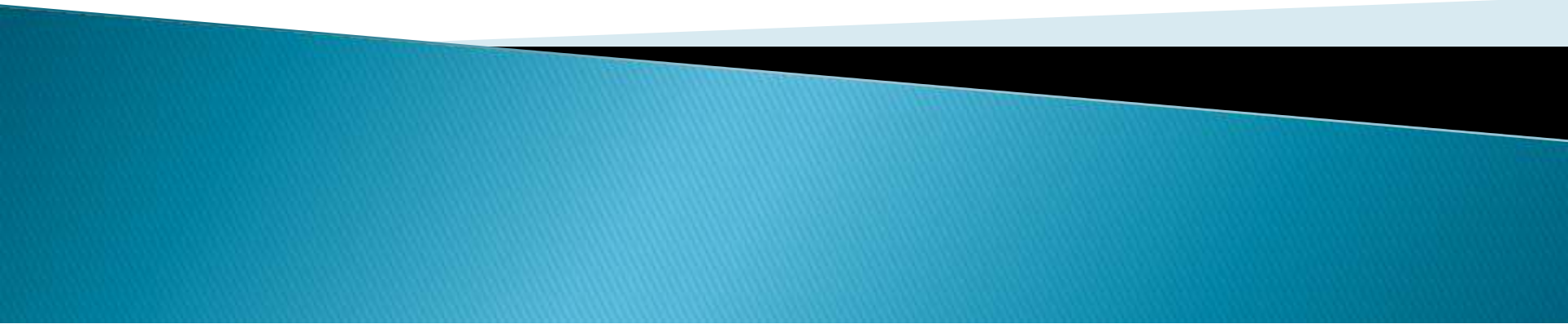



# Recommending a Restaurant Friendly Neighborhood in Toronto



# Problem Statement

- ▶ Using Foursquare location data, recommend a neighborhood in Toronto to open a restaurant.
  - ▶ A brief analysis of the neighborhoods along with the performance of restaurants in each neighborhoods would help us to recommend an ideal neighborhood.
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# Data

- ▶ The data to be used for this is 3 – fold:
  - ▶
  - ▶ 1. List of neighborhoods in Toronto from Wikipedia ([https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M))
  - ▶
  - ▶ 2. FourSquare Data for Restaurants in each Neighborhood
  - ▶
  - ▶ 3. GeoSpatial Data for each Neighborhood ([http://cocl.us/Geospatial\\_data](http://cocl.us/Geospatial_data))
  - ▶
- ▶ We will use the data mentioned above to prepare data for each Neighborhood and find all restaurants in each neighborhood. We will then use suitable methodology to find out the recommended neighborhood.

# Neighborhoods



# Results

	neighborhood	1st Most Common Venue	2nd Most Common Venue	3rd Most Common Venue	4th Most Common Venue	5th Most Common Venue
0	Brockton	Caribbean Restaurant	Restaurant	Falafel Restaurant	Italian Restaurant	Vietnamese Restaurant
1	Dovercourt Village	Middle Eastern Restaurant	Fast Food Restaurant	Vietnamese Restaurant	Japanese Restaurant	Asian Restaurant
2	Dufferin	Middle Eastern Restaurant	Fast Food Restaurant	Vietnamese Restaurant	Japanese Restaurant	Asian Restaurant
3	Exhibition Place	Caribbean Restaurant	Restaurant	Falafel Restaurant	Italian Restaurant	Vietnamese Restaurant
4	High Park	Mexican Restaurant	Italian Restaurant	Thai Restaurant	Cajun / Creole Restaurant	Fast Food Restaurant
5	Little Portugal	Asian Restaurant	Vietnamese Restaurant	Restaurant	New American Restaurant	Vegetarian / Vegan Restaurant
6	Parkdale	Cuban Restaurant	Restaurant	Eastern European Restaurant	Italian Restaurant	Vietnamese Restaurant
7	Parkdale Village	Caribbean Restaurant	Restaurant	Falafel Restaurant	Italian Restaurant	Vietnamese Restaurant
8	Roncesvalles	Cuban Restaurant	Restaurant	Eastern European Restaurant	Italian Restaurant	Vietnamese Restaurant
9	Runnymede	Sushi Restaurant	Italian Restaurant	Restaurant	Falafel Restaurant	Latin American Restaurant
10	Swansea	Sushi Restaurant	Italian Restaurant	Restaurant	Falafel Restaurant	Latin American Restaurant
11	The Junction South	Mexican Restaurant	Italian Restaurant	Thai Restaurant	Cajun / Creole Restaurant	Fast Food Restaurant
12	Trinity	Asian Restaurant	Vietnamese Restaurant	Restaurant	New American Restaurant	Vegetarian / Vegan Restaurant