

# Neighborhoods with Plant-based Restaurants in Toronto

## Introduction/Business Problem

Plant-based diets are very popular nowadays, especially due to the fact that veganism is on the rise. Although veganism involves a lot more than just food, one cannot ignore the fact that plant-based food is each day more present in our everyday life. According to Happy Cow's top 10 vegan-friendly cities, Toronto is amongst the world's top 10.

Being someone who loves to travel, is a foodie and whose diet is 90% plant-based, one of the top things that guides my touristic planning is the possibility of eating at nice restaurants that offer interesting and tasty plant-based dishes.

Thus, as I also have never been to Toronto, the goal of my project is to discover which neighborhoods in Toronto have most options of plant-based restaurants for tourists whose profile meets mine: a plant-based foodie.

## Description of the data

In order to achieve this goal, we will need a list of Toronto's neighborhoods and its geographical coordinates, as well as access to location data.

This Wikipedia page ([https://en.wikipedia.org/wiki/List\\_of\\_postal\\_codes\\_of\\_Canada:\\_M](https://en.wikipedia.org/wiki/List_of_postal_codes_of_Canada:_M)) has the information about Toronto neighborhood data. Latitude and longitude coordinates will be read from a csv file from Coursera's Applied Data Science Capstone course ([https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-DS0701EN-SkillsNetwork/labs\\_v1/Geospatial\\_Coordinates.csv](https://cf-courses-data.s3.us.cloud-object-storage.appdomain.cloud/IBMDeveloperSkillsNetwork-DS0701EN-SkillsNetwork/labs_v1/Geospatial_Coordinates.csv)).

Foursquare location data is one of the most comprehensive out there, and quite accurate that it powers location data for many popular services like Apple Maps, Uber, Snapchat, Twitter and many others. So, the latitude and longitude coordinates of Toronto's neighborhoods will be used with Foursquare API in order to search the Foursquare database and find data about restaurants categories located at Toronto's neighborhoods.