IBM – COURSERA

Data Science Professional Certificate

Applied Data Science Capstone Week 4

Introduction

This Project is for IBM Data Science Professional Certificate Program's Capstone. In this Project, hypothetical case is created by me that Toronto Area needs more Italian Restaurant.So, I will design this project to help me find the most suitable location for my Italian Restaurant.

Business Understanding

Problem : I want to open a new Italian Restaurant in Toronto, Canada.

Question : If anybody wants to open an Italian Restaurant in Toronto, where should they consider openning it?

Method : Data Science Methodology

Algorithm : Machine Learning Algorithm such as clustering

Data

- List of neighborhoods in Toronto, Canada
- Latitude and Longitude of these neighborhoods
- Venue data related to Italian restaurants.

Source

- Toronto neighborhoods according to Wikipedia
- Geocoder Package
- Foursquare API