

# IBM

## Capstone Project (Week 4)

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This is the main project for the IBM Data Science Professional certification.  
IBM Data Science Project Week 4

**Intro.** One of my friends is an oriental man who owns a Chinese food restaurant in the area. He is well versed in Chinese food, knows how to cook and loves his business, but I am sure that if he started a business in a place where there are a noticeable percentage of Chinese immigrants than here, his business would be more effective. I will imagine that he decided to move to a large multinational city, let it be Toronto (Canada). Let me remind you that Toronto has a large percentage of immigrants from China (<https://worldpopulationreview.com/world-cities/toronto-population>)

**Business problem.** For those who would try to open a business in a new place, there is always an acute problem of locating their point of the service sector or institution. A solution to this problem will be found using data science tools.

A person who would be interested in the result obtained is an entrepreneur who is going to open a Chinese restaurant.

**Data and sources.** Next data will help to solve this problem:

- List of neighborhoods in Toronto (Canada). (Wikipedia)
- Latitude and Longitude of neighborhoods. (Geocoder)
- Chinese restaurant venue data. (Foursquare API)