

II. Data Description

Based on the business problem and background, factors that will influence our recession are:

- number of any existing restaurants in the neighborhood
- number existing Chinese restaurants in the neighborhood
- distance to Chinese restaurants in the neighborhood
- distance of the neighborhood from downtown center

In this project, we will create regularly spaced grids of locations, centered at Rogers Place at Downtown, Edmonton, to define our neighborhoods. Restaurant information can help us to analyze the situation in each grid so that we can make decisions based on the above criteria. We will need to extract/generate the required information from the following data sources:

- **use Google Maps API Geocoding** to obtain coordinate
- scrap approximate addresses for each center of candidate neighborhood using Google Maps API Reverse Geocoding
- scrap neighborhood restaurant information using Foursquare API