Week 4 submission:

## A description of the problem and a discussion of the background. **(15 marks)**

A Syrian investor who would like to open a Syrian Restaurant in Alexandria, Egypt has approached me to help him identifying the best neighborhood location in terms of competition.

## A description of the data and how it will be used to solve the problem. **(15 marks)**

**A description of the data:**

* List of Alexandria’s neighborhoods (Wikipedia)
* Coordinates of the neighborhoods (Wikipedia)
* A list of all Syrian Restaurants in the neighborhoods (Foursquare)
* Coordinates of the restaurants (Foursquare)

**How it will be used to solve the problem:**

* Will use the coordinate data of the neighborhoods and plot it on the map of Alexandria
* Will use the coordinate data of the venues and plot it on the map of Alexandria
* Identify the Syrian restaurants and plot it on the map of Alexandria
* Finding the best location who has the fewest number of Syrian restaurants