Introduction and Problem Description:

Bandung has always been a top destination for holidays or a short weekend gateaway for people living and working around West Java Province and around Jakarta, the capital city of Indonesia, which is only 3 hours away. It is known for the chill air, the great view of nature, and for the various culinary trends. Someone is looking to open a restaurant in here as it is the fourth most populous city in Indonesia with a lot of tourist coming for the foods. In this project, I would like to recommend the best location to open it based on Foursquare location data.

Data Description:

I will use a combination of csv data and Foursquare location data.

I found the csv file from this link: http://data.bandung.go.id/dataset/0ac32316-8450-4064-b7f2-48049439ff5e/resource/6a568b69-5e41-4ea0-80ca-0487341fe9f3/download/koordinat-dan-ketinggian-kantor-kelurahan-di-kota-bandung-2014.csv. The csv file contains data of the name of sub-districts, villages, and their coordinates. The Foursquare location data would provide me with venues' categories, names, and locations to know which kind of venues are the most common in each area thus I could know the restaurants that are the most common, the variability of venues in each location, the density of venues. From this data I could predict aims of people coming to each location, the best target market, and the potential competitors.