

## Data:

Data Description: In this section, I will describe the data used to solve the problem as described previously. As noted below in the Further Development Section, it is possible to attempt quite complex and sophisticated scenarios when approaching this problem. However, given the size of the project and for simplicity only the following scenario will be addressed:

1. Query the FourSquare website for the top sites in Tokyo
2. Use the FourSquare API to get supplemental geographical data about the top sites
3. Use the FourSquare API to get top places recommendations closest to each of the top site

Top Sites from FourSquare Website Although FourSquare provides a comprehensive API, one of the things that API does not easily support is a mechanism to directly extract the top N sites / venues in a given city. This data, however, is easily available directly from the FourSquare Website. To do this, we will simply go to [www.foursquare.com](http://www.foursquare.com), enter the city of choice and select Top Picks from I'm Looking For selection field or we can define Foursquare credentials and the city to get it's latitude and longitude.