

Data

Busan is located at N35.166668, E129.066666

(<https://www.latlong.net/place/busan-south-korea-27604.html>). We will extract all the necessary data from **foursquare APIs** with proper category filters. Here are relevant categories from Foursquare developer page (<https://developer.foursquare.com/docs/build-with-foursquare/categories/>).

- Light Rail Station : 4bf58dd8d48988d1fd931735
- Metro Station : 4bf58dd8d48988d1fc931735
- College & University : 4d4b7105d754a06372d81259

For the first step, to get all stations and university locations, we will use the maximum(40km) radius. Then we will treat each station as a separate neighbor and collect venues with a 1km radius. Finally, we will cluster stations, and try to find interesting things from a tourists points of view.