

## Data description

The data that is needed for this project consist of names and locations of Helsinki neighborhoods, as well as most common venue information in those neighborhoods. The most common venue information is used for analyzing in which neighborhoods there are already a lot of Scandinavian restaurants and where there are still market place for those.

The neighborhoods of Helsinki are taken from Wikipedia page listing all the subdivisions of Helsinki [1]. There are 60 subdivisions altogether in Helsinki, and some of the subdivisions contain further subdivisions. It is decided to include only the 60 higher-level subdivisions, to keep the analysis simple.

The geolocations of Helsinki neighborhoods are obtained from Latitude web page [2]. On that page you can get GPS coordinates for any address, including neighborhoods of a city. The latitude and longitude coordinates for all Helsinki neighborhoods are collected from there and stored into excel.

The most common venue information for Helsinki neighborhoods are obtained from foursquare, by utilizing foursquare API [3].

## References

- [1] Helsinki neighborhoods: [https://en.wikipedia.org/wiki/Subdivisions\\_of\\_Helsinki](https://en.wikipedia.org/wiki/Subdivisions_of_Helsinki)
- [2] Latitude: <https://latitude.to>
- [3] Foursquare API: <https://developer.foursquare.com/places-api>