2. Data Understanding

To solve this task different data is needed. We need the quarters, coordinates, venues, and further information about the quarters.

The expected dataframe should consist of the following features:

- Quarter
- Latitude
- Longitude
- Population: This could be an indicator for demand
- Price per $m2$: This could be an indicator for the affortability
- Population under 18 in %
- Population over 64 in %
- Venues in the Quarter: This is needed to find the candidates for opening a cafe

To analize and find suitable quarters for the cafe the above features can be optained by different souces:

1. Quarters: Names of the quarters of Hamburg with additional information about the demographics of the quarters, such as population and price per $m2$. This information can be optained under: http://suche.transparenz.hamburg.de/dataset/stadtteil-profile-hamburg4?forceWeb=true
2. Location of the Quarters: This can be found with the use of Geocoder.
3. Foresquare: It is a local search-and-discover service which provides information on different types of entertainment, drinking and dining venues. Forsquare can be accessed by an API.

Furthermore, the data has to be inspected, cleaned and structured.