Introduction
Stockholm is a growing city and there are a lot of people in Sweden that is not from Stockholm and people from other countries moving into Stockholm. A lot of people are therefore looking for apartments to buy and I would like to look into Stockholm city center to segment different parts and evaluate the difference based on close by coffee shops, restaurants, gyms and apartment prices etc. to give people looking for apartments a quick overview where to start their search based on their willingness to pay and their hobbies.

Data
The data I will use is foremost from Foursquare. Where I will take out all venues and information about those from different parts of the city center of Stockholm and save it into a dataframe. Then, I will add data of the average apartment price from hemnet.se to my dataframe.

After downloading, scripting and cleaning the data I will cluster the data with k-means. With the results I will evaluate and describe the clusters from their similar characteristics within the cluster, for new apartment buyers to easily get an overview of where to look for their new apartment in Stockholm.