

Capstone Project - The Battle of Neighborhoods

Clustering the Neighborhoods of Amsterdam, The Netherlands

Business problem

An expat housing company would like to be able to quickly recommend neighborhoods in Amsterdam to their customers based on their preferences for different venues.

Expats moving to a foreign country for a longer period often prefer to move to neighborhoods that remind them to their own neighborhood. Additionally, they might want their neighborhood to fit to their lifestyle: e.g. in general, young families prefer quieter neighborhoods with lots of parks and playgrounds, health conscious customers prefer neighborhoods with lots of parks and lots of gyms to choose from. Young professionals are looking for areas with lots of restaurants in the neighborhood.