The Battle of the Neighborhoods - Madrid

Applied Data Science Capstone - December 2020

Problem Description

- The target of the project is to assess an investor to decide where would be the best location to place a hairdressing saloon.

- The objective is to cluster the neighborhoods based on the ratio saloons/population to support the decision.

Data

- The information needed about districts, neighborhoods and population can be found in the website: "https:// datos.madrid.es/portal/site/egob"

- An Excel sheet can be downloaded named "Panel de Indicadores". It contains population density, neighborhood and district names and codes

- The neighborhood coordinates will be extracted from the geocoder library

- Finally data about venues will be extracted from Foursquare API