

COURSERA CAPSTONE PROJECT

MADRID HOTELS



Introduction

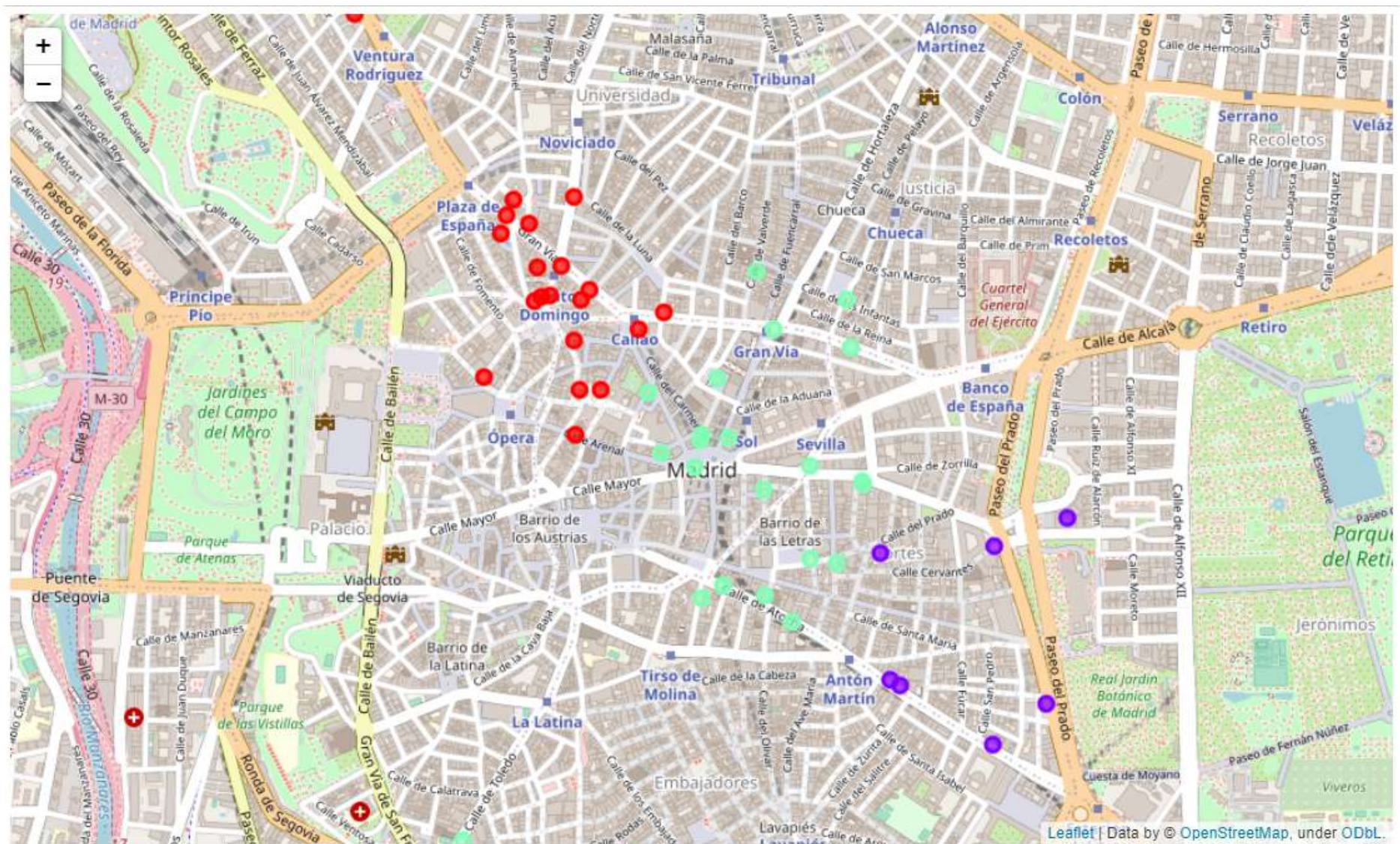
Madrid is a city that receives a lot of tourism, so let's analyze the hotels supply in the city through their location and if we can group them in similar clusters.

Data requirements

For the data requirements, I am going to make a call to the Foursquare API to get the main hotels in the city.

Methodology

Once I got the data, I will cluster the hotels through the K-Means model in scikit learn,



Results and conclusion

Having set `n_clusters` at 3 seems reasonable, because through the visual exploration we can see three different clusters (one very dense close to Santo Domingo square, other cluster rounding Sol square, and some hotels in the east.).
