Data section

The data we will be using consists of:

1) The number of inhabitants, flats, houses, tenants, owners per Neighborhoods accessible on this page: https://immobilier-chartres.nestenn.com/quartiers-chartres

2) The geographical delimitation of the Neighborhoods accessible as a geoJson file on this page: https://public.opendatasoft.com/explore/dataset/contours-iris/export/?refine.nom_com=Chartres

3) The Venues per Neighborhoods accessible through foursquare

We want to classify the different Neighborhoods according to their precise characteristics. Therefore we will import all the data in a pandas DataFrame in order to get the venues, inhabitants, flats, houses, tenants and owners per Neighborhoods easily accessible.

Once we have this dataFrame available we will be able to easily slice through the dataFrame to produce different maps of Chartres and classify the Neighborhoods according to various characteristics in order for our client to construct a precise idea of the characteristics of the city.

The aim of this report is to allow our client to decide where it would be the best idea to create her Bed and Breakfast. We are convinced that maps created with folium and choropleth will be the perfect fit for our client's needs.