# DATA

The names of the neighborhoods of Guadalajara, as well as their coordinates, are obtained from the following source: https://datos.gob.mx/busca/dataset/colonias/resource/7a04858f-da5f-45b8-88bb-ffff7c6ae17e, a repositary of official data of the Mexican government. Then, with the coordinates the venues near the neighborhoods are requested using the Foursquare API. In the venues returned by the Foursquare API there are different categories, such as types of restaurants, museums, galleries, etc. The number of occurrences of each category will be counted for further analysis. The numbers of occurrences of the different categories of venues are expected to correlate with the perception of the neighborhood.