

Obesity in Chicago and its relation with its venues

2. Data

Based on our problem, we will need to use data that describes the percentage of obesity per Community Area, that is going to be retrieved from the Chicago Data Portal.

Also, we need to retrieve the most popular venues per Community Area, as well as it's category to see if the type of food can affect the obesity rates. For obtaining this information we will use Foursquare API. In this case, we will only consider two types of venues:

- Food
- Outdoors and Recreation

Finally we will need geographic data in GeoJson format to display the different community areas according to their obesity percentages. For obtaining longitude and latitude per Community Area we will use Nominatim API.

The main idea is to compare obesity percentages against the most popular places and see if there's a relationship among them.