

## **Data**

Data is the heart of any data science problem as it has a major effect on the final answers

## **Data Source**

Our problem requires location data that describes hotels and restaurants around Mexico City. Specifically, location of hotels and restaurants, number of restaurants around hotels, foot traffic in restaurants and their category.

For retrieving this data Foursquare API was utilized. Foursquare API search feature would be used to get the location of hotels and restaurants. Due to Foursquare API call limitations, the number of hotels in search query is set to 50 and radius parameter to 500.