The Problem

Bogotá, Colombia's capital city, is one of the country's most crowded and multicultural cities, and it keeps growing and receiving more people from around the world. For this reason, Bogotá needs to offer a wide variety of environments and settings for all its population, especially around the city's historic center, where lies the most touristic, business, and university centers.

This project aims to study the offer of some restaurants, specifically, **Italian restaurants around Bogotá's historic center**. To achieve the proposed goal, we will research restaurant offer around Bogotá's downtown and identify areas that may need more restaurants to improve its diversity.

Data

Some of the data that we want to explore is:

- Restaurants near Bogotá's historic center.
- Italian restaurants in this area
- Distances between restaurants

We will use Google Maps and Foursquare APIs to get desired data. The city's cathedral "Catedral Primada de Bogotá" will represent Bogotá's historic center.

The data will be extracted as follows:

- Geocoding API will provide the longitude and latitude of a given point in Bogotá – "Catedral Primada de Bogotá".
- Foursquare retrieved data will give restaurants' locations and their categories.