

Implementation of a Data Science Analysis for the location of a new Hotel in Bogota.

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1. Introduction

In recent years Bogota, capital city of Colombia, has been subject of a rise in both foreign investment and inner economic development, which is precisely why, when faced with the question of where to install a new hotel, it is very important to know the characteristics of interest in the sector to locate the investment.

2. Data

In order to make a proper analysis over the different sectors in which to establish the new hotel, it will be required to separate the city into different locations and inspect the venues surrounding each of them. For this purpose the data concerning the locations will be scrapped from the official subdivisions of localities that can be found in the following [link](#).

For the venues in each subdivision the data will be taken from the Foursquare database using a developer account.