

**Finding the most
appropriate venues to
film a movie in Bogotá**

Background

- Finding appropriate venues to film a movie could be hard work if you don't have enough information about the venues allowed to do this activity. It could be harder if a company wishes to film in diverse cities or countries. Therefore, it is important to search and analyze what venues could be used considering aspects like availability, visual impact, transport and others. This information can be used for film companies interested in filming in Bogota, Colombia.



Objective

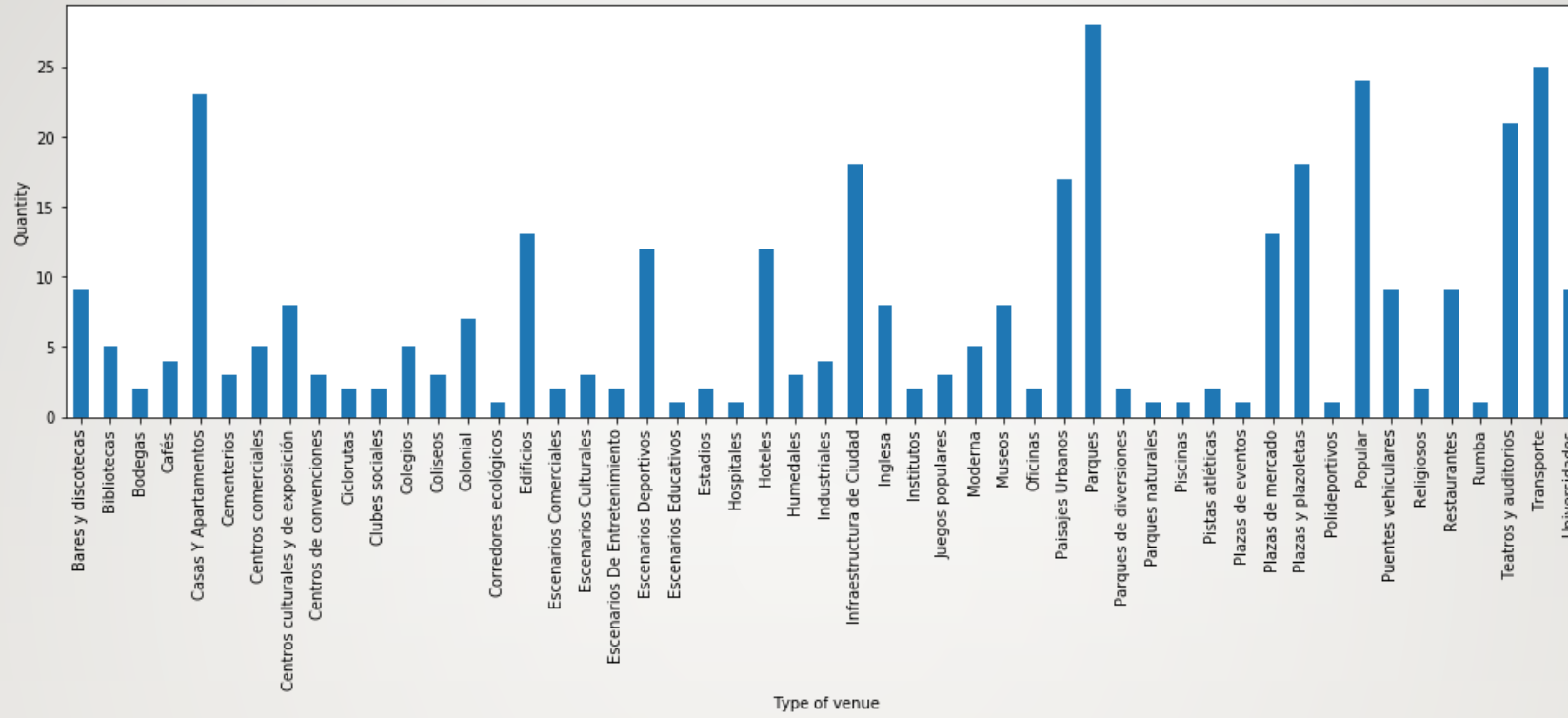
- This project aims to show the most appropriate venues to fil this movie considering the customer considerations.

Data acquisition and cleaning

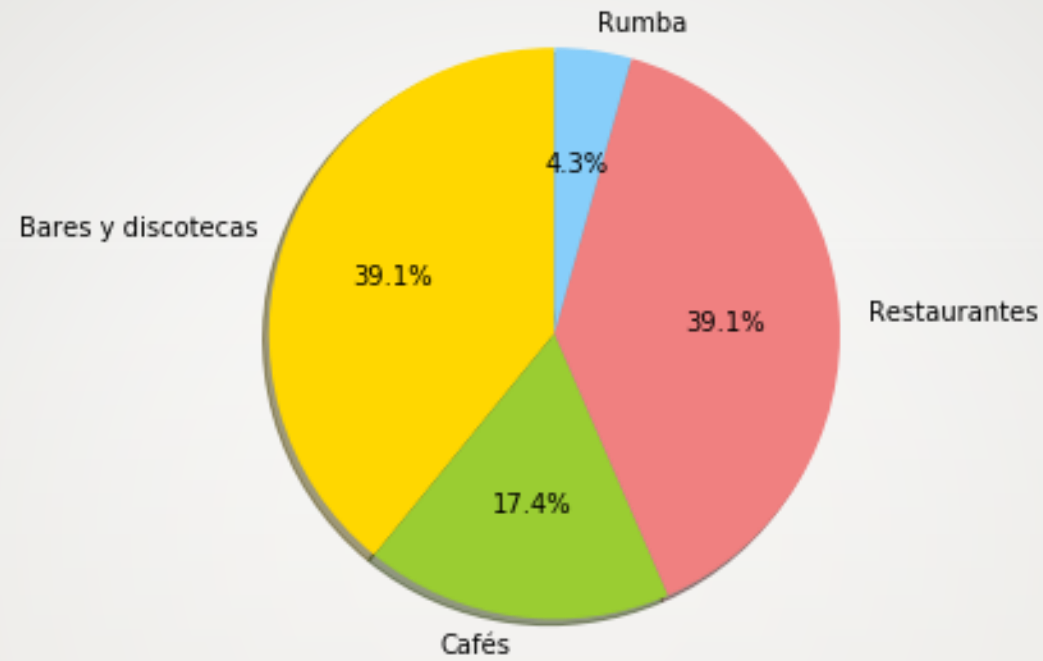
- The data was downloaded from the page:

datosabiertos.bogota.gov.co

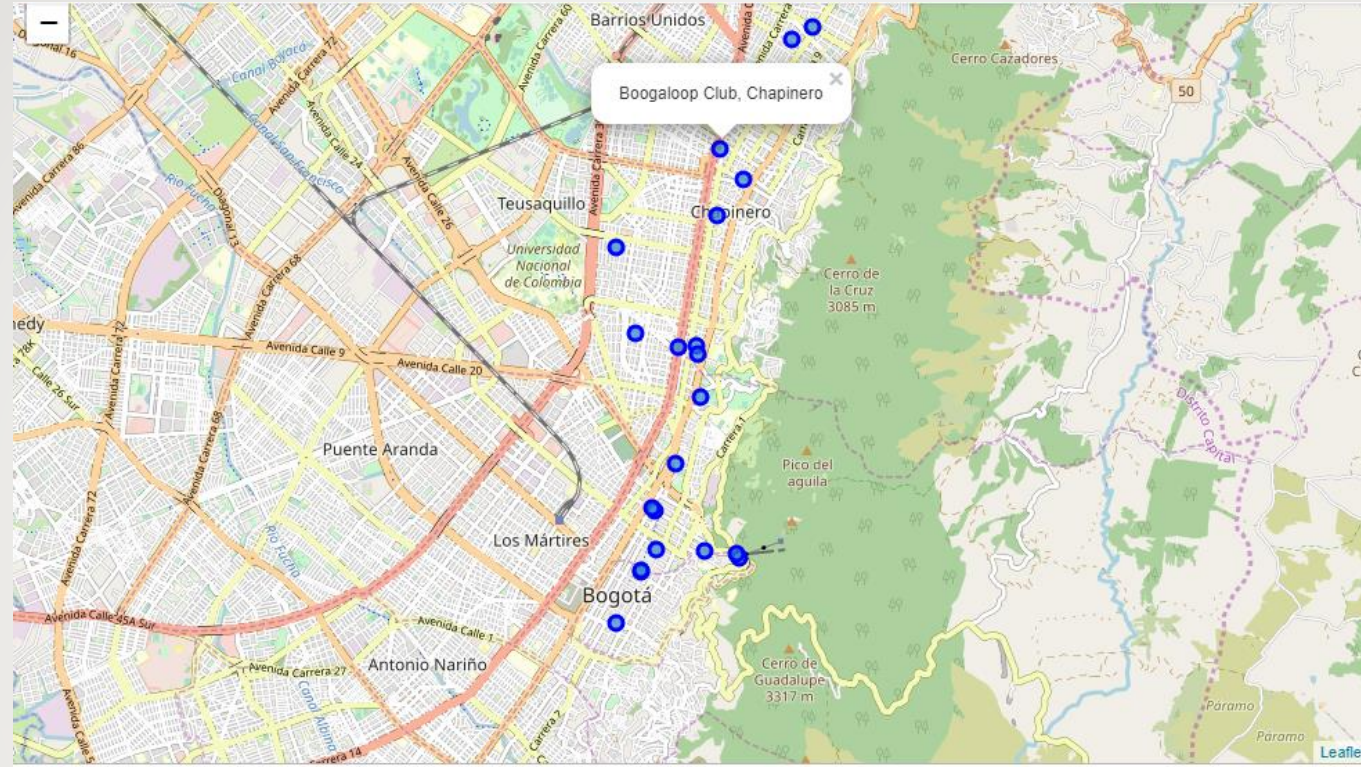
- However, it was necessary to delete some rows and change the name of others. It is important to mention that the data was in Spanish because the home page is a Colombian website. However, the data referred to addresses, proper names and types of places, so it is not very difficult to understand.



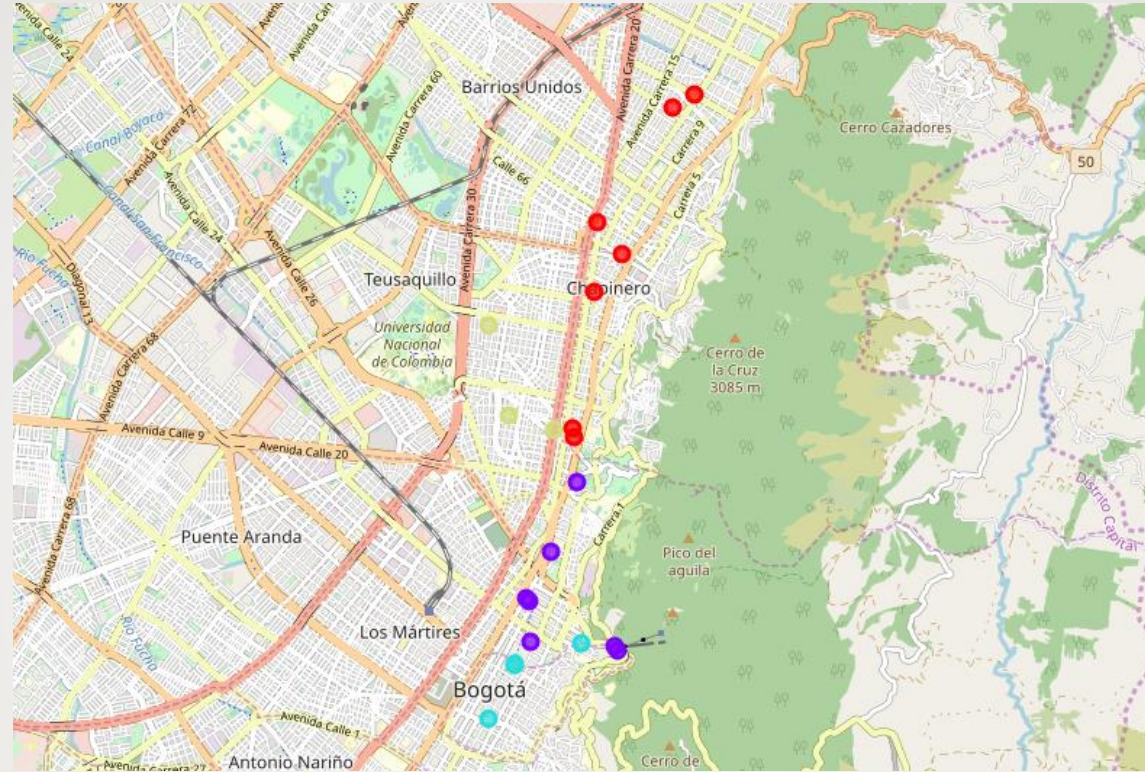
Quantity of each venue type.



Pie chart showing the number of target venues in Bogota.



Possible venues



Venues classified according to their location and operation.

Conclusion

- It was found that approximately 65% of places in Chapinero Bogotá, Colombia, are establishments of food or liquor suitable and allowed for the recording of any movie and that in addition to nearby locations there are also several of them.
- In addition, with the help of classification algorithms, location tools such as Forsquare, libraries and knowledge on data management in python, it was possible to deliver to the client their request in an organized and simple way to understand.