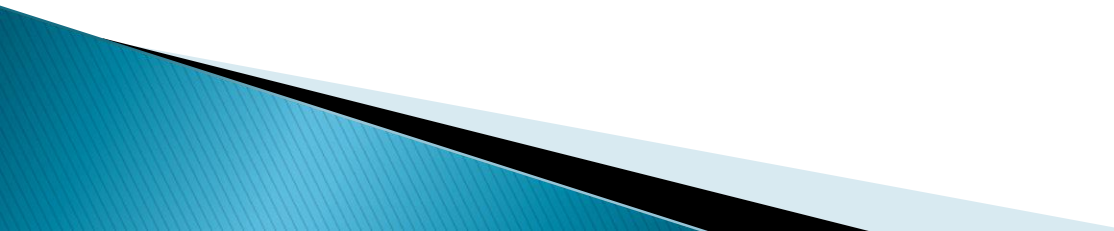


The Battle of Neighborhoods

Capstone Project



Introduction

- ▶ Paris is the capital and largest city of France. has 2 million inhabitants and is the fifth of the most populated cities in the world.
 - ▶ The city is one of the most influential centers worldwide, as well as a very strong cultural, political and economic one.
 - ▶ For that, Paris is so attractable to begin a new business, such as opining a restaurant.
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Introduction

▶ Objective

- ▶ To get the appropriate places in Paris city to open new restaurant.

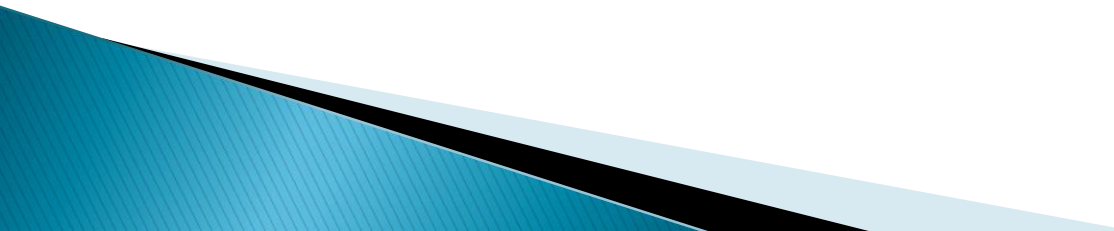
Data acquisition and cleaning

▶ Data acquisition:

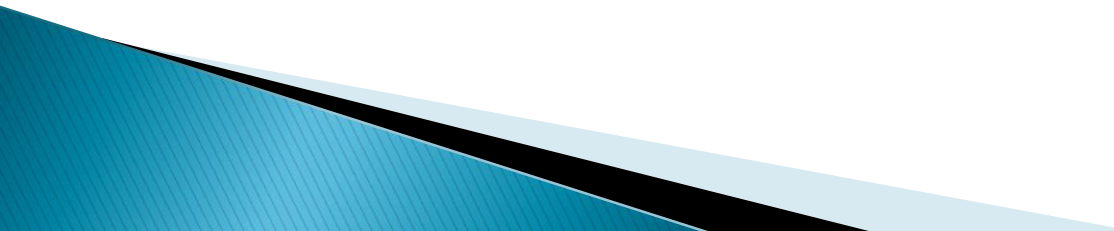
- ✓ Dataset representing the list of borough in Paris this their longitude, latitude...
- ✓ RESTful API calls to the Foursquare API to retrieve data about venues in Paris's borough

Data acquisition and cleaning

▶ Data cleaning:

- ✓ Retrieve the necessary information
 - ✓ Scraping web data and parsing HTML code.
 - ✓ Utilize Python and its pandas library to manipulate data, in order to exploring and analyzing data
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Methodology

- ▶ Majorly relied on Foursquare API to
 1. Retrieve all venues of each borough,
 2. Group by each borough and to
 3. Count how many venues
 4. Filter top 10 most common venue types of each borough.
 5. Select the suitable borough
- 

Result

- ▶ **Condition:**

- Find the borough with low number of restaurant

- ▶ **Result:**

- The best borough to begin our business:
 - *Reuilly*
 - *Passy*
 - *Menilmontant*

Conclusion

- ▶ **The closer Boroughs to city center:**
 - Are more suitable to spend time and enjoy in various restaurant.
 - ▶ **The further boroughs to city center:**
 - Are more suitable to visit Museum, Clothing Store...
 - They are the best places to open small business related to food and travel industry
- 