

Project Description

Paris is the capital and most populous city of France. Since the 17th century, Paris has been one of Europe's major centres of finance, diplomacy , commerce, fashion, science and arts. Paris was the second most expensive city in the world.

Since the late 18th century, Paris has been famous for its restaurants , food meticulously prepared and artfully presented. Today, due to Paris' cosmopolitan population, every French regional cuisine and almost every national cuisine in the world can be found there; the city has more than 9,000 restaurants

In this project I will try to explore international restaurants as well as local ones in French Capital.

Some questions:

- 1) Which quartiers in Paris have more restaurants than others ?
- 2) Which quartiers have more specific restaurants than french ones? 3) What are the first three famous culinaries in French Capital?
- 3) What are the first three famous culinaries in French Capital?

Data Description

List of data sources which will be used in this project:

1) Foursquare Api - to get restaurants for each location provided 2) Paris datasets for quartiers and amortissements :

- <https://opendata.paris.fr/pages/home/>

Methodology

Description of the steps:

- 1) Loading Paris quartier geodata and displaying it
- 2) Loading both quartier and arrondissements data and merging them
- 3) After data cleaning we have to call Foursquare Api
- 4) After retrieving restaurant data we can start to analyze it

Results

These 10 quartiers have more restaurants than others:

```
1 paris_venues.groupby('Neighborhood')['Venue Category'].count().sort_values(ascending=False).head(10)
```

Neighborhood	
Gros-Caillou	50
Batignolles	48
Faubourg-Montmartre	47
Saint-Victor	43
Gaillon	41
Arts-et-Métiers	40
Hôpital-Saint-Louis	40
Ternes	38
Folie-Méricourt	38
Chaillet	37

Name: Venue Category, dtype: int64

Results

2) We see that most of the quartiers have french local restaurants dominating, however it is not common for all of them

Gaillon, Palais-Royal, Père-Lachaise - Japanese Goutte-d'Or, Pont-de-Flandre - Asian

La Chapelle - Chinese

Parc-de-Montsouris - Italian

Saint-Vincent-de-Paul - Indian

Results

Three most dominating cousins are french(local) , italian and japanese ones:

```
1 paris_venues['Venue Category'].value_counts()
```

```
French Restaurant      697
Italian Restaurant     193
Japanese Restaurant    129
_ . . . . .           ~~
```

Conclusion

Because we have limitations for prime calls in Foursquare Api ,we can not retrieve tips, likes and so on, it can be possible improvement for generating better dataset.