Prospects of a Lunch Restaurant in Paris, France.

What is the best place for my restaurant business in Paris?

B. Data Description

For this project we need following data:

1. **Paris data that contains list districts with their latitude and longitude:**

Paris has in total 20 administrative districts (called Arrondissements Municipaux in French) and 80 small neighborhoods.

The Arrondissements of Paris are not to be confused with the Parisian Quartiers (Paris Neighborhoods). Parisian Quartiers, like Belleville, Saint-Germain-des-Près and many more, are historic neighborhoods while the Arrondissements of Paris exist only since the 18 century. One Arrondissement usually includes many Paris Neighborhoods within its boundaries.

It is very easy to make mistakes and get confused further in the process

For the sake of order and simplicity we will use official names data. For example: "1erArdt" (Arrondissements) has "Louvre" as Naibourhood name

Data source: Data from Open|DATA France
https://opendata.paris.fr/explore/dataset/arrondissements/table/?dataChart

2. **Restaurants and HoReCa venues in each neighborhood of Paris:**

Data source: Foursquare APIs

By using this API we will get all the venues in each neighborhood. We can filter these venues to get only restaurants or filter with custom conditions to get different HoReCa venues. Drink&beverages or fast&snackfood for example.