Introduction/Business Problem

Frankfurt located in the state of Hesse in West Germany is the financial capital of Germany. In this project I am comparing Frankfurt with the financial capital of the USA, New York City. My aim is to understand how similar or different the activities around these locations are. Even though Frankfurt is not as crowded and diverse as New York, I would like know if I can draw a parallel between the two. This analysis could enable investors in food or socializing based businesses (restaurants, cafés etc.) of Frankfurt to make business decisions drawing inspiration from New York.

Data

I would be using the data available on the internet to get a list of neighborhoods in Frankfurt. (https://en.wikipedia.org/wiki/List_of_Ortsbezirke_of_Frankfurt_am_Main) The data is listed below.

No.	Name	City districts	Population	Area (km²)	Population density (Population/km²)
1	Innenstadt I	Altstadt, Bahnhofsviertel, Gallus, Gutleutviertel, Innenstadt	44.183	8,987	4.916
2	Innenstadt II	Bockenheim, Westend-Nord, Westend-Süd,	57.629	9,493	6.071
3	Innenstadt III	Nordend-Ost, Nordend-West	51.671	4,744	10.892
4	Bornheim/Ostend	Ostend, Bornheim	56.723	9,212	6.158
5	Süd	Flughafen, Niederrad, Oberrad, Sachsenhausen-Süd, Sachsenhausen-Nord	91.662	84,831	1.081
6	West	Griesheim, Höchst, Nied, Schwanheim, Sindlingen, Sossenheim, Unterliederbach, Zeilsheim	125.057	51,656	2.421
7	Mitte-West	Rödelheim, Praunheim, Hausen	38.919	10,956	3.552
8	Nord-West	Niederursel, Heddernheim	35.961	10,511	3.421
9	Mitte-Nord	Eschersheim, Ginnheim, Dornbusch	49.616	8,441	5.878
10	Nord-Ost	Eckenheim, Preungesheim, Berkersheim, Frankfurter Berg, Bonames	44.180	12,540	3.523

No.	Name	City districts	Popula tion	Area (km²)	Population density (Population/k m²)
11	Ost	Seckbach, Riederwald, Fechenheim	31.068	16,255	1.911
12	Kalbach-Riedberg	Kalbach-Riedberg	7.882	6,904	1.142
13	Nieder-Erlenbach	Nieder-Erlenbach	4.583	8,336	550
14	Harheim	Harheim	4.155	5,022	827
15	Nieder-Eschbach	Nieder-Eschbach	11.487	6,351	1.809 (ww)
16	Bergen-Enkheim	Bergen-Enkheim	17.891	12,541	1.427

Further I would use Foursquare to extract the data on activities. For the New York data, I would be leveraging the data made available to us in the Applied Data Science Capstone course and also the Foursquare data.

Example screenshot from Foursquare: