

Capstone Project - The Battle of Neighbourhoods: Where to eat in Hamburg!

Introduction/Business problem

I lived in Hamburg long ago and have fond memories of the beautiful city by the Elbe. It is traditionally a busy port city which has a thriving cosmopolitan centre, thanks to marquee corporations like Airbus and has a strong financial services industry.

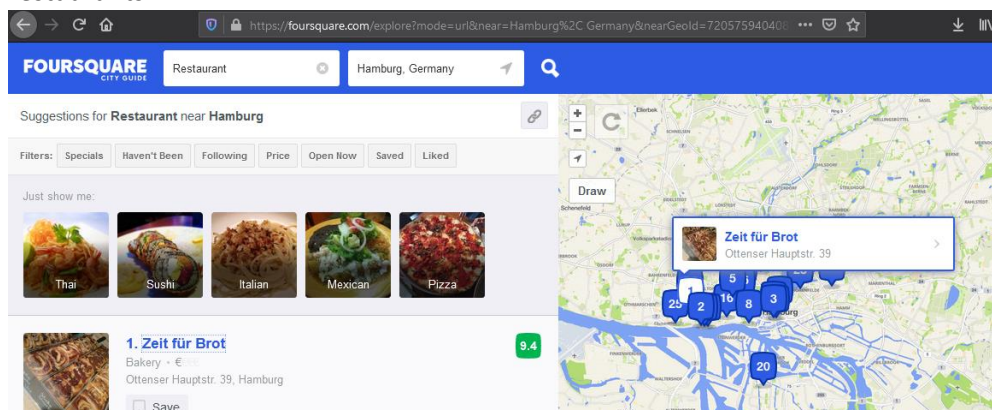
When I was new to the city, I struggled to find cuisine to suit my taste. These were the pre-yelp days so had to rely on word of mouth.

Often the quest for food would consume the weekend & finding the right spot to eat in Hamburg can be difficult and frustrating. I am a vegetarian by culture but prefer to experiment within these narrow parameters. I discovered that Mediterranean cuisine (Italian or Greek) was my favourite

Thus, the problem I want to solve is to give a simple recommendation to past "me" about the best neighbourhoods to the find highest number of Mediterranean restaurants?

Description of the data

- **Data Source 1:** I will use foursquare data about Hamburg venues and then filter for restaurants



- **Data Source 2:** Also, I will use the find sub-divisions (Boroughs) of Hamburg from Wikipedia: https://en.wikipedia.org/wiki/Boroughs_and_quarters_of_Hamburg

Boroughs [edit]

A **borough of Hamburg** is comparable to the third-level administration in Germany. In the Constitution of Hamburg it is determined that an area could be created by law for administrative purposes.^[3] The boroughs were created with a law.^[4] A borough has minor rights to establish laws and regulations compared to the **districts** of the states of Germany, because Hamburg is both a **state** and a city of Germany.

Borough	Population	Area (km²)	Density
Hamburg-Mitte	233,114 ^[5]	107.1 km²	2,177
Altona	243,972 ^[5]	78.3 km²	3,149
Eimsbüttel	246,087 ^[5]	50.1 km²	4,915
Hamburg-Nord	279,498 ^[5]	57.8 km²	4,838
Wandsbek	409,771 ^[5]	147.5 km²	2,777
Bergedorf	118,942 ^[5]	154.8 km²	769
Harburg	201,119 ^[5]	125.4 km²	1,253

