

## **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 find the highest number of Mediterranean restaurants?

### Description of the data

- I will use foursquare data about Hamburg venues and then filter for restaurants
- Also, I will use the overview of parts (Boroughs) of Hamburg from Wikipedia:  
[https://en.wikipedia.org/wiki/Boroughs\\_and\\_quarters\\_of\\_Hamburg](https://en.wikipedia.org/wiki/Boroughs_and_quarters_of_Hamburg)