

Opening a new restaurant in London, United Kingdom



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Introduction

London is the capital of England with lots of tourism. Also, there are a lot of restaurants in the city for all kinds of food. To open a restaurant in London is a tough challenge. Therefore, we need to find a good location for the restaurant.

Business Problem

The goal of this project is to find the best location for our new restaurant. We use data science methodology and machine learning techniques to find the best location and conclude with a recommendation for the best location.

Which data do we use?

To achieve or business goal, we use the following data:

1. List of neighbourhoods in London, Germany
2. Latitude and longitude of the neighbourhoods
3. Data related to restaurants in London, UK

Data sources

We use the wikipedia page

[“\[https://en.wikipedia.org/wiki/List_of_areas_of_London\]\(https://en.wikipedia.org/wiki/List_of_areas_of_London\)”](https://en.wikipedia.org/wiki/List_of_areas_of_London) to scrape the neighbourhoods of London. We use the python packages request and beautifulsoup to webscrape the wiki page.

We get the Latitude and longitude of the neighbourhoods by using the geocoder package, which gives us the coordinates of the neighbourhoods.

Then, we use the Foursquare API to get data related to restaurants in London.