Introduction/Business problem

Prague is centuries of spires, centuries of magic and centuries of intrigue. The city's labyrinth of cobbled lanes and hidden, winding courtyards is a treasure trove of delight any aimless wanderer would love to explore. Actually, according to Euromonitor's annual survey 3a 2019 Prague is the sixth most visited city in Europe after London, Paris, Istanbul, Antalya and Rome¹. Given its relatively small size and populace compared to those giants, this is an impressive achievement. Art, culture and history play a large part in this popularity – as well as the excellent travel deals – but so too does its cuisine.

However, contemporary Czech cuisine is considered heavy and very filling, with meals centered on meats and starches. As a result some people may prefer other cuisines for health-related, religious, cultural or moral reasons. Besides, local residents may be looking to taste something new.

Thus, the present paper aims to give a simple recommendation: in which district of the city will you find a large number or even concentration of which types of restaurants? Where to eat Mediterranean food, where to find Asian food, where to get fast food? The target audience is both foreign tourists and local residents.

Description of the data

Required data has been gathered from two sources: Foursquare and Wikipedia.

Foursquare is a location technology platform offering business solutions and consumer products through a deep understanding of location². This platform lets users search for restaurants, nightlife spots, shops and other places in a location. This paper considers following foursquare data about restaurants in Prague: the restaurant name, ID, location and category of food.

Wikipedia is the world's 13th most visited website (as for January 2021) and one of the most popular collaborative knowledge web bases³. Author will use the table of districts/city parts of Prague from following link: https://en.wikipedia.org/wiki/Districts_of_Prague. Prague is divided into 10 municipal districts, 22 administrative districts and 57 municipal parts.

This gathered data will be used for showing the district density of restaurants.

¹ https://go.euromonitor.com/white-paper-travel-2019-100-cities.html

² https://www.crunchbase.com/organization/foursquare

³ https://www.alexa.com/topsites