

Capstone Project - The Battle of the Neighborhoods

Vegetarian Restaurant in Krakow

1. Introduction

Recent results show that over 3 million Poles no longer eat meat and 8.4% of Polish adults had followed a vegetarian diet or had eaten only fish but no other meat for a period of time [1]. The same report indicates that even people who eat meat want to make an effort to limit their consumption.

Warsaw, capital of the country was also ranked the 6th most vegan friendly city on the planet [2]. Thinking of this, our stakeholder wants to expand this trend to Krakow, and open a vegetarian restaurant in the city, which is one of the largest cities in Poland.

The advantages of Krakow include the fact that the city attracts tourists with its beauty, unique historic complex and cultural events.

When choosing a place to open a new venue, we should take into considerations a few key aspects, like demographics of people interested in this type of restaurant, their income, where they usually live across the city and also real state prices for our business. We also need to know the density of other restaurants and other restaurants similar to ours.

Considering that the analysis in the scope of our initial research relies on free available information and constraints imposed by the Foursquare API, used to track the nearby venues for the district in the city, we will limit our analysis to a few key points:

- Population in each district
- Number of restaurants per district and
- Number of vegetarian restaurants already in the area.

2. Data

For this preliminary analysis we will consider the following set of data:

- The list of 18 districts in the Krakow area and their coordinates. Information available in the district descriptions in [3]
- Population and population density in each district [4]
- Number of restaurants within a certain radius from each district. This will be limited to the free information from Foursquare API
- Number of vegetarian restaurants already in each district

References:

- [1] <https://notesfrompoland.com/2020/01/14/almost-40-of-poles-claim-to-be-cutting-back-on-meat-and-8-4-have-quit-completely/>
- [2] <https://www.happycow.net/vegtopics/travel/top-vegan-friendly-cities>
- [3] https://en.wikipedia.org/wiki/Districts_of_Krak%C3%B3w
- [4] <https://www.bip.krakow.pl/zalaczniki/dokumenty/n/253681/karta>