

Opening an italian restaurant

Business problem

The project describe the process of searching the best place to open an italian restaurant in Ljubljana.

As a city with many sights, Ljubljana is a target of many tourists and so we will define the country of the most numerous tourists. We asume that the most numerous tourists will visit their own domestic type of restaurant. Beside that we will show where the most important sights and monuments are located and which district is attracted by tourists. We also asume that there is a strong link between tourists and sights, so district with the largest number of sights will be the most interesting for tourists. We will show that the Italians are the most numerous tourists in Ljubljana and because of that the logical choice is to open an italian restaurant.

Data description

From the web site https://sl.wikipedia.org/wiki/Četrtna_skupnost_Ljubljane we will extract information about Ljubljana districts.

	Districts	Latitude	Longitude
0	Bežigrad	46.071523	14.509137
1	Center	46.049815	14.506782
2	Črnuče	46.105006	14.532862
3	Dravlje	46.081140	14.475201
4	Golovec	46.034705	14.535686

With Nomination OpenStreetMap we will search for geographic coordinates of each district in Ljubljana.

We will be utilizing the Foursquare API to pull the following location data on italian restaurants in Ljubljana:

- Venue Name,
- Venue Location,
- Venue Category.

Venue	District	Venue Latitude	Venue Longitude	Venue Category
Alegria	Bežigrad	46.066030	14.514992	Italian Restaurant
Apertivo	Center	46.051403	14.504608	Italian Restaurant
As Aperitivo	Center	46.051400	14.504730	Mediterranean Restaurant
Bežigrajski dvor	Bežigrad	46.065758	14.510303	Pizza Place

The touristic sights in Ljubljana will be pulled from web site
<http://www.onbria.com/wp-content/uploads/2019/03/Ljubljana.csv> .

	Place	Lat	Long
0	Ljubljana Castle	46.049021	14.508629
1	Triple Bridge	46.051198	14.506200
2	Tivoli City park	46.052333	14.491331
3	Dragon Bridge	46.052134	14.510351
4	Presern monument	46.051416	14.506177

On <http://www.onbria.com/wp-content/uploads/2019/04/Tourists.csv> we can check the statistical information on tourist arrivals and overnight stays in Ljubljana from 2008 till 2017.

	Country	Arrivals	Overnights
0	Italy	615752	1016681
1	Germany	393852	715091
2	United Kingdom	293308	623496
3	United States	248841	538523
4	Slovenia	272515	445841