

PREDICTING THE SCOPE OF OPENING FOOD LOUNGE IN JAIPUR

Problem:

- New comer needs to decide which location to invest in.
- It is difficult to analyse if he/she has not lived in that city and needs authentic sources for verification.
- If the somehow the data collected by him/her match with what the local people say then he/she is on right track?
- But how can he/she do that?

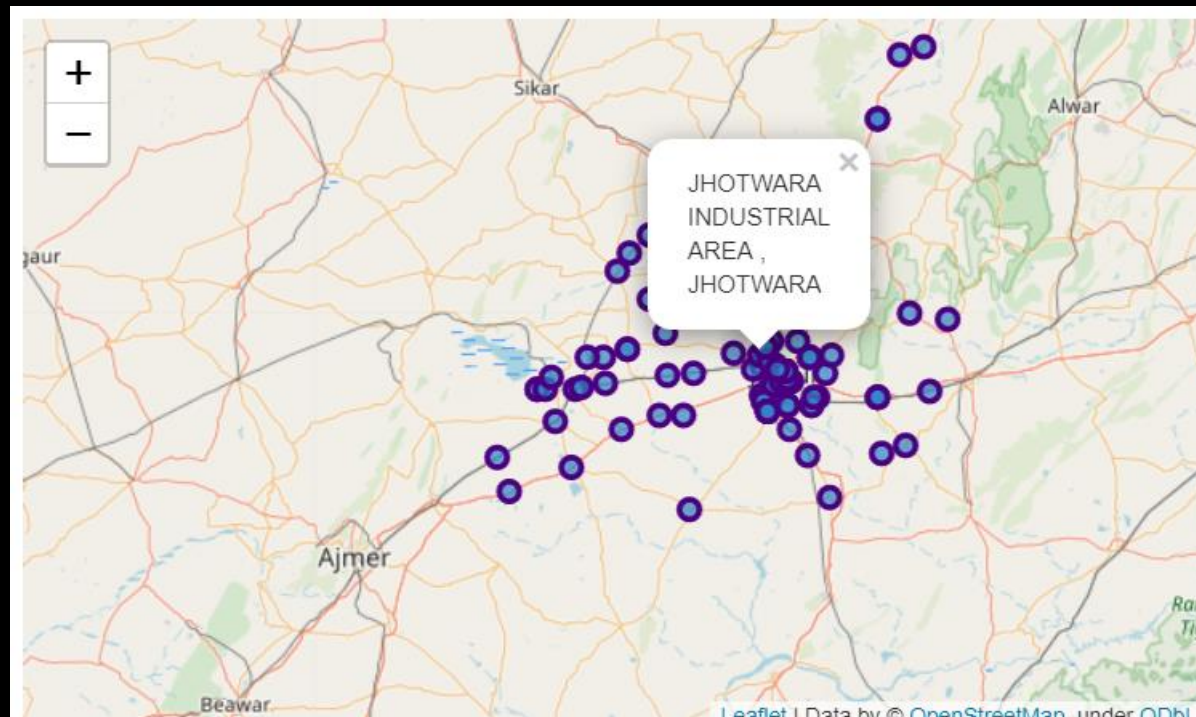
Solution:

- He/She can collect location data.
- Find top locations in that city.
- Find the most popular venue in that city.
- Search for the proximity of other popular location from that top venue.
- And decide according to his/her budget.

My Data Sources and Libraries used:

- <https://finkode.com/rj/jaipur.html> - for pincodes and cities in Jaipur
- FourSquare API – To get the details of the venues
- Geopy Library – To get the latitudes and longitudes
- BeautifulSoup Library – To extract data from the link above
- Folium- For mapping the spots
- Pandas – For creating dataframes

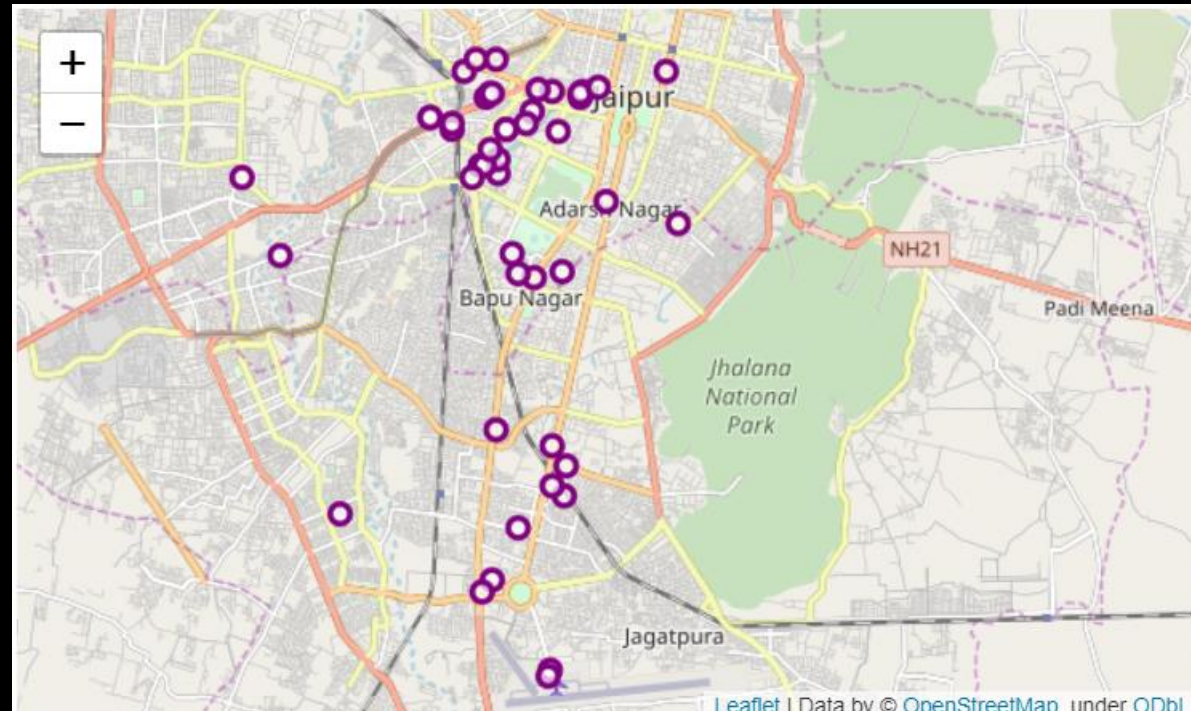
Map Of Jaipur



Top Food Venues in Jaipur

	name	categories	lat	lng
0	Kanha restaurant	Indian Restaurant	26.903506	75.753229
1	Baskin Robbins	Ice Cream Shop	26.897825	75.751119
2	Dana Pani	Vegetarian / Vegan Restaurant	26.891594	75.759807
3	burger farm	Fast Food Restaurant	26.905036	75.753015
4	INOX Elements Mall	Multiplex	26.894975	75.748900
5	Subway	Sandwich Place	26.911496	75.743335
6	rj 14	North Indian Restaurant	26.895414	75.750355
7	Pizza Hut	Pizza Place	26.911537	75.743296
8	Cafe Coffee Day	Coffee Shop	26.912121	75.739059
9	Ibis Jaipur	Motel	26.908228	75.779899
10	McDonald's	Fast Food Restaurant	26.882899	75.749877
11	KFC	Fast Food Restaurant	26.911447	75.743466
12	cafe coffee day	Coffee Shop	26.886096	75.731506
13	The Pavilion	Restaurant	26.897810	75.751165
14	Domino's Pizza	Pizza Place	26.912437	75.743647
15	HDFC Bank	Bank	26.911645	75.744295
16	Pratap Yadav Stadium	Athletics & Sports	26.901744	75.735766
17	Hotel Highway King	Indian Restaurant	26.885475	75.731297
18	Mahima's Trinita Mall	Diner	26.890561	75.771973
19	WebCrafters360	IT Services	26.891186	75.772705
20	IBIS	Hotel Pool	26.908370	75.779966

Map of Restaurant in Jaipur



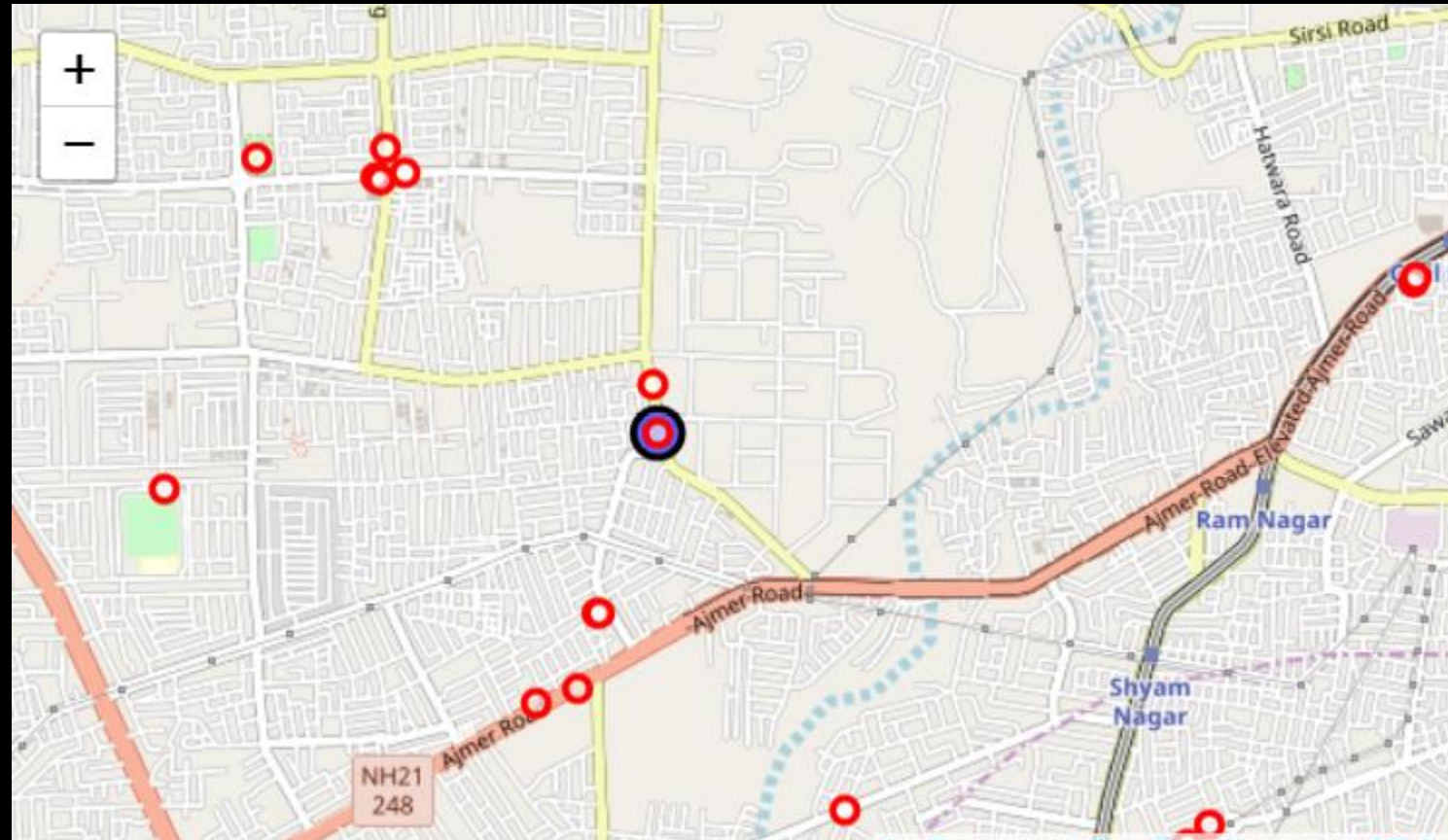
Top Food Venues in Jhotwara

	name	categories	lat	lng
0	Domino's Pizza	Pizza Place	26.957000	75.778000
1	Pizza Hut	Pizza Place	26.963242	75.779319
2	Cafe Coffee Day	Café	26.962145	75.779295
3	Foodcourt	Food Court	26.956493	75.771905
4	Kanji Hotel And Restaurant	Indian Restaurant	26.963415	75.771530
5	Hanuman Dhaba	Indian Restaurant	26.953814	75.771576
6	Sunflower Restaurant Hotel Paradise	American Restaurant	26.947934	75.773608
7	Spice and curry	Asian Restaurant	26.947953	75.773642
8	Chowdhry Hotel	Snack Place	26.972876	75.772291
9	Kaku Sa's Palace	Indian Restaurant	26.934877	75.749280

POPULAR PLACES NEAR THE POPULAR KANHA RESTAURANT

	name	categories	address	cc	city	country	crossStreet	distance	formattedAddress
0	Kanha restaurant	Indian Restaurant	Queens Road.	IN	Jaipur	India	NaN	0	[Queens Road, Jaipur, Rājasthān, India]
1	Baskin Robbins	Ice Cream Shop	Vaishali Nagar	IN	NaN	India	NaN	666	[Vaishali Nagar, India]
2	Dana Pani	Vegetarian / Vegan Restaurant	Janpath , Shyam Nagar	IN	NaN	India	NaN	1478	[Janpath , Shyam Nagar, India]
3	burger farm	Fast Food Restaurant	Queens House	IN	NaN	India	NaN	171	[Queens House, India]
4	INOX Elements Mall	Multiplex	Third Floor, Elements Mall	IN	Jaipur	India	Ajmer Road	1042	[Third Floor, Elements Mall (Ajmer Road), Jaip...
5	Subway	Sandwich Place	Evershine Tower	IN	Jaipur	India	Vaishali	1324	[Evershine Tower (Vaishali), Jaipur 302021, Rā...
6	rj 14	North Indian Restaurant	Ajmer road	IN	Jaipur	India	NaN	944	[Ajmer road, Jaipur, Rājasthān, India]
7	Pizza Hut	Pizza Place	Shop No 20, Evershine Tower, F1, Amrapali Circle	IN	Jaipur	India	Vaishali Nagar	1331	[Shop No 20, Evershine Tower, F1, Amrapali Cir...
8	Cafe Coffee Day	Coffee Shop	Vaibhav tower	IN	Jaipur	India	Vaishali nagar	1702	[Vaibhav tower (Vaishali nagar), Jaipur, Rājas...
9	Ibis Jaipur	Motel	Civil Lines	IN	Jaipur	India	Ajmer Road	2699	[Civil Lines (Ajmer Road), Jaipur, Rājasthān, ...

Map of top venues around KANHA -the black-blue spot is Kanha



Conclusions

- Huge opportunity for new comers to open food business in Jaipur
- High Competition, but room new comers is available
- Jaipur is a developing city
- Top Venues are plenty but low in density
- The Report has to be improved with more rigorous data and the analysis can be improved with rigorous ML techniques.