The Battle of Neighbourhoods: A study of Realty and Cuisine variation across neighbourhoods in Pune!

Introduction/Business problem

I live in Pune and have seen this city transform from a sleepy pensioner's town to a bustling metropolis. It is traditionally a centre of Maharashtrian culture and city of learning, called as slightly derivative "Oxford of the east". It has a thriving cosmopolitan centre, thanks to strong automotive and Tier 1 network as well as a significant base for Indian IT service industry. The city has a strong German connection as well

When I moved back last year, I struggled to find cuisine to suit my taste. I also had no idea of the geography and spent a lot of time to find a place to live. My intent in this exercise is two-fold:

1. I plan to buy a house soon, so I want to understand the trend and variety of neighbourhoods
2. For **Tourists and new international students** in Pune I hope to create a cluster of cuisines and help them enjoy the city.

Description of the data

- *Data Source 1*: I will use foursquare data about Pune venues and then filter for restaurants

:	Neighborhood	Neighborhood Latitude	Neighborhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
1	Handewadi	18.485162	73.931680	Marrakesh	18.509430	73.928296	Middle Eastern Restaurant
2	Handewadi	18.485162	73.931680	Rolls Mania	18.509609	73.928547	Fast Food Restaurant
3	Handewadi	18.485162	73.931680	Kokkita	18.502177	73.937133	Indian Restaurant
4	Handewadi	18.485162	73.931680	City Cafe	18.509279	73.928375	Fast Food Restaurant
5	Handewadi	18.485162	73.931680	Vaibhavi Food Court	18.510085	73.928015	Indian Restaurant
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1066	Senapati Bapat Road	18.525574	73.829548	Aware Maratha Khanawal	18.512948	73.845200	Indian Restaurant
1067	Senapati Bapat Road	18.525574	73.829548	Fish Curry Rice	18.510713	73.829623	Seafood Restaurant
1068	Senapati Bapat Road	18.525574	73.829548	Chinese Room Oriental	18.510482	73.834788	Chinese Restaurant

- *Data Source 2*: Also, I will use the find neighbourhoods of Pune and their property prices from https://www.moneycontrol.com/property-rates/pune/99acres-residential.html?ver=1. The coordinates of the neighbourhoods will be calculated via geopy service

Pune	Capital Values Rate/Sq ft (INR)	Updated on
Akurdi	5741	Mar 2018
Alandi	3900	Mar 2018
Ambe Gaon Budruk	4850	Mar 2018
Anand Nagar	6350	Mar 2018
Aundh	9160	Mar 2018
Balewadi	6907	Mar 2018
Baner	7323	Mar 2018
Bavdhan	6900	Mar 2018
Bhosari	5180	Mar 2018
Bhosle Nagar	13925	Mar 2018
Bhugaon	5200	Mar 2018
Bibwewadi	7650	Mar 2018
Boat Club Road	13900	Mar 2018
Camp	8800	Mar 2018
Chakan	3350	Mar 2018
Charholi	5400	Mar 2018
Chikhali	4700	Mar 2018
Dhankawadi	5050	Mar 2018
Dhanori	5360	Mar 2018
Dhayari	5130	Mar 2018
Dighi	4550	Mar 2018
Erandwane	12477	Mar 2018
Fatima Nagar	6705	Mar 2018
Hadapsar	5900	Mar 2018
Handewadi	4677	Mar 2018
Hinjewadi	5743	Mar 2018
Kalewadi	5565	Mar 2018
Kalyani Nagar	9400	Mar 2018
Karve Nagar	8650	Mar 2018
Katraj	5600	Mar 2018
Keshav Nagar	5570	Mar 2018
Kharadi	6550	Mar 2018
Kiwale	4900	Mar 2018
Kondhwa	5600	Mar 2018