Finding out Best Location in Indore to open Restaurant

# INTRODUCTION

As a part of my Data Science Capstone Project, I will be Explore the location to setup a Restaurant in a location in Indore District of Madhya Pradesh state of Country India.

Indore is a well-established city of Madhya Pradesh having a variety of crowd in the city. That’s why it is a very good choice to establish something. The analysis from this report will help new businesses strategically target the market and help in high return with low investment.

# Description

Opening a new restaurant can be a very hectic job. There are so many thing to plan – from choosing place to establish, selecting the interiors, type of restaurant to be, style of restaurant, types of cuisine to be served.

So we will select some of the good areas in Indore and find out the nearby venues and then select the best possible option.

# Target Audience

The objective of this project is to find the best location in Indore to open a Restaurant.

# Data

We will be using a list of Indore Neighbourhood data taken from Wikipedia for the analysis (<https://en.wikipedia.org/wiki/Category:Neighbourhoods_in_Indore>).

There are 18 Neighbourhood in Indore from above url in option to setup a restaurant

* [Azad Nagar, Indore](https://en.wikipedia.org/wiki/Azad_Nagar,_Indore)
* [L.I.G. Colony](https://en.wikipedia.org/wiki/L.I.G._Colony" \o "L.I.G. Colony)
* [Malviya Nagar, Indore](https://en.wikipedia.org/wiki/Malviya_Nagar,_Indore)
* Navlakha
* Palasia
* [Rajendra Nagar, Indore](https://en.wikipedia.org/wiki/Rajendra_Nagar,_Indore)
* Rau Colony
* [Satya Sai Chouraha](https://en.wikipedia.org/wiki/Satya_Sai_Chouraha)
* [Sukhliya, Indore](https://en.wikipedia.org/wiki/Sukhliya,_Indore)

### [Vijay Nagar, Indore](https://en.wikipedia.org/wiki/Vijay_Nagar,_Indore)

* [Bhanwar Kua](https://en.wikipedia.org/wiki/Bhanwar_Kua)
* [Bijalpur](https://en.wikipedia.org/wiki/Bijalpur)
* [Chandan Nagar, Indore](https://en.wikipedia.org/wiki/Chandan_Nagar,_Indore)
* [Chandra Nagar, Indore](https://en.wikipedia.org/wiki/Chandra_Nagar,_Indore)
* [Dewas Naka](https://en.wikipedia.org/wiki/Dewas_Naka)
* [Geeta Bhawan](https://en.wikipedia.org/wiki/Geeta_Bhawan)
* [Indore G.P.O.](https://en.wikipedia.org/wiki/Indore_G.P.O.)
* [Khandwa Naka](https://en.wikipedia.org/wiki/Khandwa_Naka)

We will find out the latitude and longitude of the locations and then we will find out the nearer restaurants to the above locations.

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| Place | Latitude | Longitude |
| Bhanwar Kua | 22.719569 | 75.85773 |
| Bijalpur | 22.666453 | 75.83363 |
| Chandan Nagar | 22.71297 | 75.82358 |
| Chandra Nagar | 22.742374 | 75.89432 |
| Dewas Naka | 75.894322 | 75.90345 |
| Geeta Bhawan | 22.719569 | 75.85773 |
| Indore G.P.O. | 22.725707 | 75.86647 |
| Khandwa Naka | 22.673976 | 75.87986 |
| Azad Nagar | 22.725313 | 75.86556 |
| L.I.G Colony | 22.738098 | 75.88726 |
| Malviya Nagar | 22.741222 | 75.90246 |
| Navlakha | 22.704501 | 75.87373 |
| Palasia | 22.724355 | 75.88389 |
| Rajendra Nagar | 22.670918 | 75.82752 |
| Rau Colony | 22.636383 | 75.81069 |
| Satya Sai Chauraha | 22.741282 | 75.84576 |
| Sukhlia | 22.764077 | 75.87091 |
| Vijay Nagar | 22.66215 | 75.9035 |