

# Open a Indian restaurant in Manhattan, NYC

## 1.Introduction:

In this project , we explore multiple neighborhoods in Manhattan and find the most promising location to open an authentic Indian restaurant.

New York is home to more than 3.2 million residents born outside the United States.New York City is home to approximately 315,000 people from the Indian subcontinent.

This diversity in culture also affects the diversity of food. You would find chinese , thai , italian ,Indian restaurants all over New York City.

## 2.Target Audience

This project is aimed towards Entrepreneurs , business owners who want to open a new authentic Indian restaurant or expand their business in Manhattan .

## 3.Data section

### 1. List of neighborhoods in manhattan

- Data source which contains list of neighborhoods for each borough-  
[https://cocl.us/new\\_york\\_dataset](https://cocl.us/new_york_dataset)
- We will extract all the neighborhoods with borough

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- After extracting neighborhood names and location coordinates we convert it into a dataframe.

	Borough	Neighborhood	Latitude	Longitude
0	Bronx	Wakefield	40.894705	-73.847201
1	Bronx	Co-op City	40.874294	-73.829939
2	Bronx	Eastchester	40.887556	-73.827806
3	Bronx	Fieldston	40.895437	-73.905643
4	Bronx	Riverdale	40.890834	-73.912585
5	Bronx	Kingsbridge	40.881687	-73.902818
6	Manhattan	Marble Hill	40.876551	-73.910660
7	Bronx	Woodlawn	40.898273	-73.867315
8	Bronx	Norwood	40.877224	-73.879391
9	Bronx	Williamsbridge	40.881039	-73.857446
10	Bronx	Baychester	40.866858	-73.835798
11	Bronx	Pelham Parkway	40.857413	-73.854756

### 3. List of venues in each neighborhoods

- Data source - Foursquare API
- With help foursquare API we get a json file which contains list of all

	Neighborhood	Neighborhood Latitude	Neighborhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
0	Marble Hill	40.876551	-73.91066	Arturo's	40.874412	-73.910271	Pizza Place
1	Marble Hill	40.876551	-73.91066	Bikram Yoga	40.876844	-73.906204	Yoga Studio
2	Marble Hill	40.876551	-73.91066	Tibbett Diner	40.880404	-73.908937	Diner
3	Marble Hill	40.876551	-73.91066	Dunkin'	40.877136	-73.906666	Donut Shop
4	Marble Hill	40.876551	-73.91066	Starbucks	40.877531	-73.905582	Coffee Shop

venues and description of venues for all the neighborhoods