

# Using Foursquare API to Choose a Location Between Victoria Island and Ikeja for Your New Restaurant

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# Below are few restaurants in Victoria Island and there details

[8]:

	name	categories	address	lat	lng	labeledLatLngs	distance	postalCode	cc	city	state	country
0	Milano Restaurant	Italian Restaurant	52, Kofo Abayomi Street	6.434910	3.422778	[{'label': 'display', 'lat': 6.434910348217528...	649	100001	NG	Victoria Island	Lagos	Nigeria
1	Soho Restaurant	Asian Restaurant	Plot 52 Kofo Abayomi Street, Victoria Island L...	6.435061	3.422925	[{'label': 'display', 'lat': 6.435060545319184...	654	NaN	NG	Victoria Island	Lagos	Nigeria
2	Jevenik Restaurant	African Restaurant	14 Agoro Odiyan St	6.429070	3.419177	[{'label': 'display', 'lat': 6.429070138952921...	761	NaN	NG	Victoria Island	Lagos	Nigeria
3	Bungalows Restaurant	Pub	Akin Adesola Street	6.430247	3.425182	[{'label': 'display', 'lat': 6.430247, 'lng': ...	92	NaN	NG	Victoria Island	Lagos	Nigeria
4	Bogobiri Restaurant	None	Maitama Sule, Awolowo	6.441018	3.426033	[{'label': 'display', 'lat': 6.44101831, 'lng': ...	1223	NaN	NG	Ikoyi	Lagos	Nigeria
5	355 Restaurant & Lounge	Lounge	9A Oko Awo	6.428589	3.428468	[{'label': 'display', 'lat': 6.428589199261903...	317	NaN	NG	Victoria Island	Lagos	Nigeria

Below are few restaurants in Ikeja and there details

[18]:													
	name	categories	lat	lng	labeledLatLngs	distance	cc	city	state	country	formattedAddress	add	
0	Tawouk king's restaurant and bar	Middle Eastern Restaurant	6.608881	3.343742	[{'label': 'display', 'lat': 6.608881, 'lng': ...	1138	NG	Lagos	Lagos	Nigeria	[Lagos, Lagos, Nigeria]		
1	Tymeout Lounge Bar & Restaurant	Lounge	6.602256	3.350765	[{'label': 'display', 'lat': 6.602256, 'lng': 3.350765, 'latLngs': 6.602256390081383...	395	NG	Ikeja	Lagos	Nigeria	[4 Ogundana Drive, (inside Ivory Health Club) ...	Ogun...	D (ir I He C
2	Mainstreet restaurant and bar	African Restaurant	6.605957	3.357364	[{'label': 'display', 'lat': 6.605957, 'lng': 3.357364, 'latLngs': 6.60595696298856,...	475	NG	Ikeja	Lagos	Nigeria	[Opebi, Ikeja, Lagos, Nigeria]	O	
3	Tawouq King's Restaurant	None	6.604737	3.347375	[{'label': 'display', 'lat': 6.604737, 'lng': 3.347375, 'latLngs': 6.604737487540625...	644	NG	Lagos	Lagos	Nigeria	[35, Adeniyi Jones Avenue, Ikeja (GTB), Lagos,...	Ad. Ji Ave	
4	Restaurant @ Protea Hotel Ikeja	African Restaurant	6.584139	3.357118	[{'label': 'display', 'lat': 6.584139, 'lng': 3.357118, 'latLngs': 6.584139347076416...	2346	NG	Lagos	Lagos	Nigeria	[42-44 Isaac John Street, Lagos, Lagos, Nigeria]	4 Isaac . S	

# Result Section

List categories of restaurants that are Victoria Island

```
10]: dataframe_filtered.categories.value_counts()
```

```
10]: African Restaurant      4
      Indian Restaurant      3
      Italian Restaurant     3
      Chinese Restaurant     3
      Restaurant             2
      Fast Food Restaurant   2
      Lounge                 2
      Sports Bar             1
      Seafood Restaurant     1
      Asian Restaurant       1
      Thai Restaurant        1
      Karaoke Bar            1
      Pub                    1
      Diner                   1
      Brazilian Restaurant   1
      Name: categories, dtype: int64
```

Victoria Island has a total of 30 restaurants and 16 different categories, it has more restaurants options when compared to Ikeja. We have more restaurants in the African section, and 3 each for Indian, Italian, and Chinese.

Ikeja has a total of 18 restaurants and 8 different categories, it has more African restaurants options when compared to Victoria Island. Restaurants options are fewer than Victoria Island

### list of categories of Restaurants in Ikeja

```
[20]: dataframe_filtered.categories.value_counts()
```

```
[20]: African Restaurant      7
      General Entertainment    2
      Lounge                  2
      Fast Food Restaurant     1
      Hotel Bar                1
      Chinese Restaurant       1
      Middle Eastern Restaurant 1
      Resort                   1
      Name: categories, dtype: int64
```

### list of Restaurants in Ikeja

```
]: dataframe_filtered.name
```

```
]: 0      Tawouk king's restaurant and bar
    1      Tymeout Lounge Bar & Restaurant
    2      Mainstreet restaurant and bar
    3      Tawouq King's Restaurant
    4      Restaurant @ Protea Hotel Ikeja
    5      TIBILSI RESTAURANT, Adesina Street, Ikeja.
    6      Mozaya Restaurant
    7      BH SUITES AND RESTAURANT
    8      MAMA SANDRA'S RESTAURANT AND BAR, Seriki Aro S...
    9      Chopsticks Chinese Restaurant
   10      ACCENT RESTAURANT AND BAR.
   11      MAMA'S RESTAURANT, Seriki Aro Street, Ikeja.
   12      Equal Right Restaurant
   13      Alata Restaurant
   14      housej restaurant
   15      Blackrock
   16      Zen Garden Chinese Resturant
   17      House j suites
```

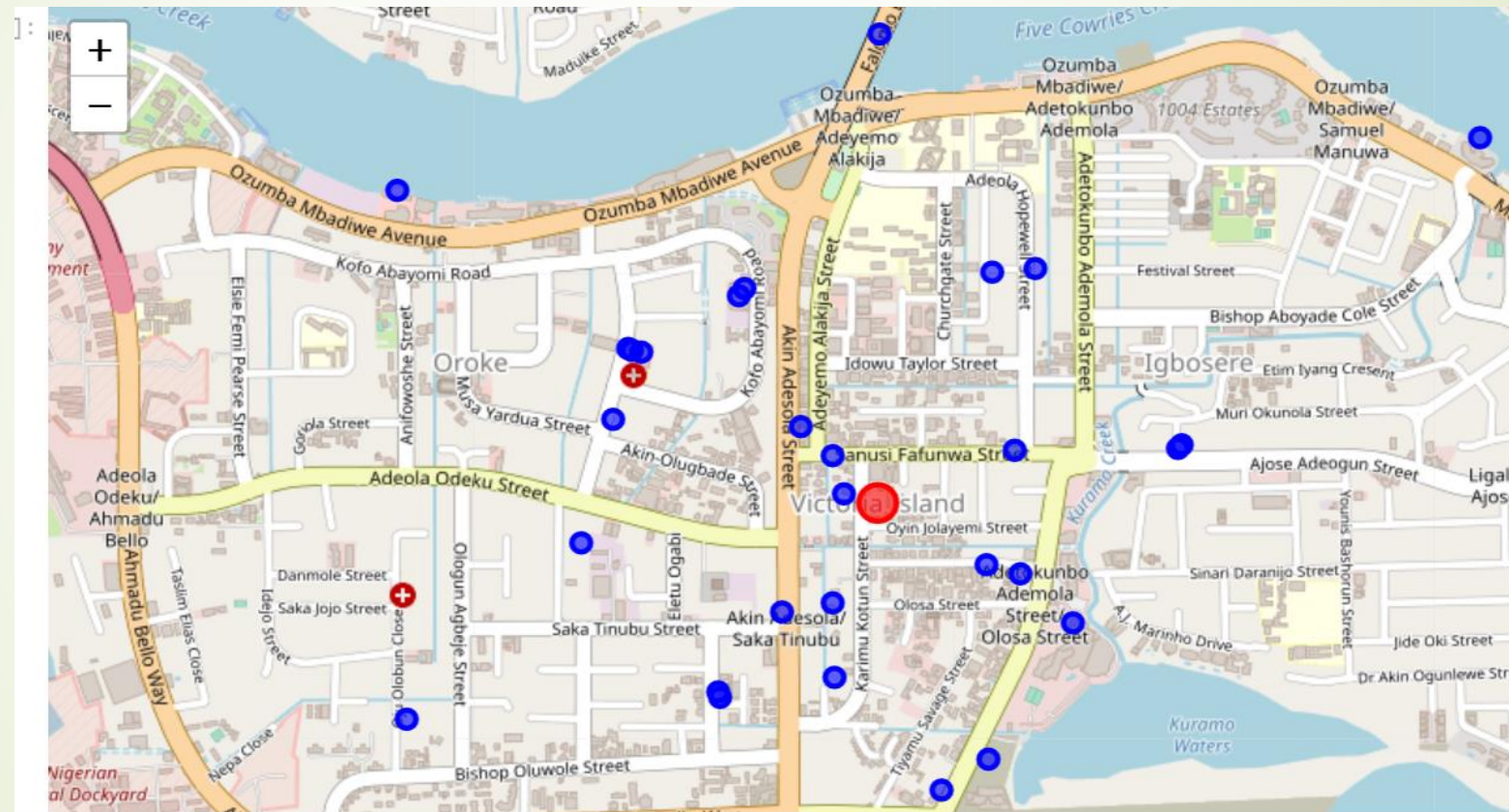


## Discussion

- Victoria Island has more restaurants than Ikeja, almost doubling the figure, and more categories of restaurants. An ardent restaurants lover will prefer Victoria Island to Ikeja because there are more restaurants and different categories to visit. There are more clusters of restaurants, which indicate bee hives activities in Victoria Island. It has more option of foreign restaurants for tourist to visit.
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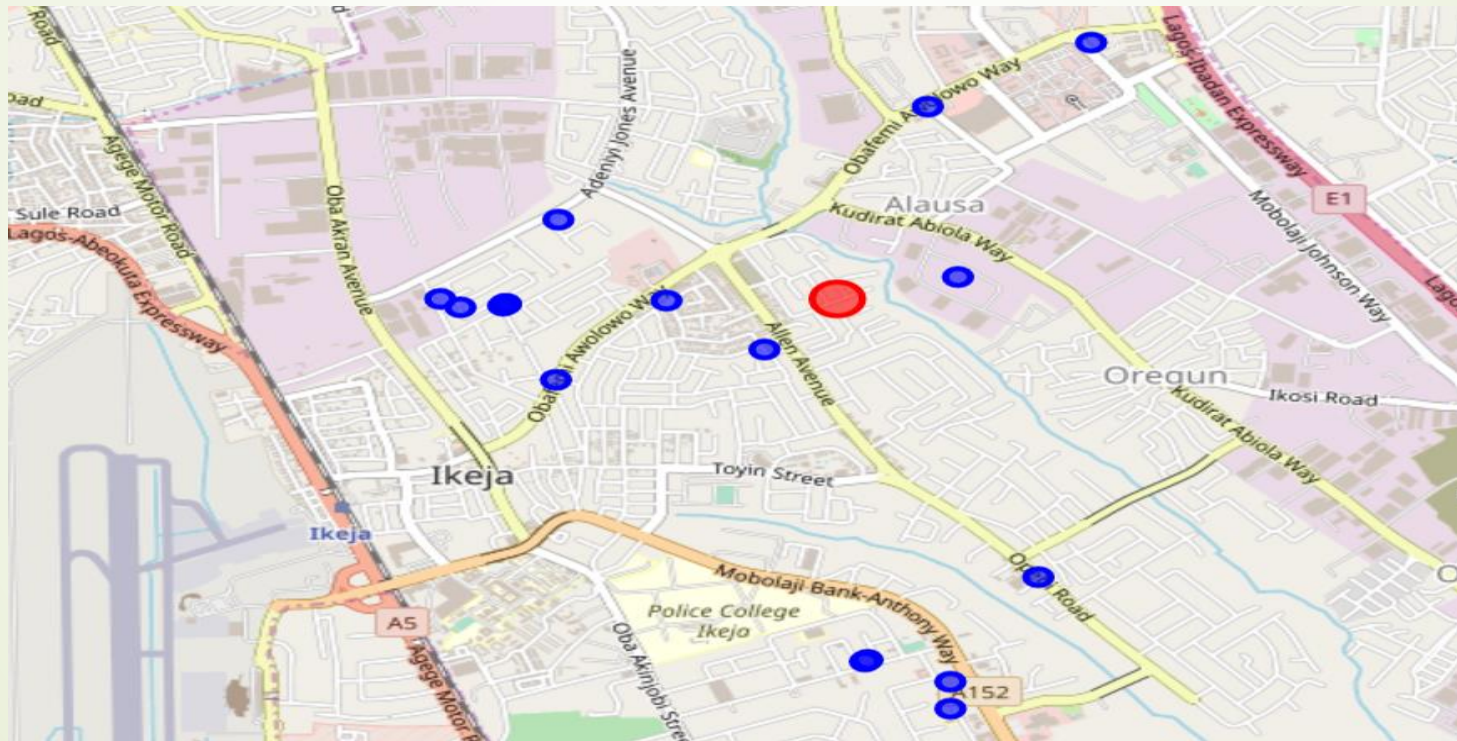


Restaurants in Victoria Island in blue, while the centre of Victoria Island in Blue



Restaurants in Victoria Island

Ikeja has few clusters of restaurants, the most common restaurants are the African restaurants, hence they are being own by indigenes. Observing the map below, we can see some area that do not have restaurants close to them, hence people in those area have to travel further to get to restaurant



Restaurants in Ikeja





# Conclusion

- In conclusion, if you want to open a restaurant in Victoria Island, you may have decide the type of restaurant you want to open, as Victoria Island is more diverse. Opening an African restaurant may not be as sustainable as other categories. Ikeja is close to the International Airport, hence the need for more foreign restaurant to be able to attract tourist, having a high volume of African restaurant, opening another one close to an existing one might not be sustainable, except you decide to open your restaurant in an area that doesn't have a restaurant within the vicinity.
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