

Where to build a BBQ restaurant in Miami

The restaurant business is a tough business to get into and they always say location, location, location.

Data references

1. Foursquare - to get venue information
2. Wikipedia - for population and neighborhood information
3. <https://s3-api.us-geo.objectstorage.service.networklayer.com> - for income

Population Density

	Neighborhood	Population2010	Population/Km ²	Coordinates
1	Arts & Entertainment District	11033	7948	25°47'56"N 80°11'24"W / 25.799°N 80.190°W
2	Brickell	31759	14541	25°45'29"N 80°11'35"W / 25.758°N 80.193°W
3	Buena Vista	9058	3540	25°48'47"N 80°11'31"W / 25.813°N 80.192°W
4	Coconut Grove	20076	3091	25°42'43"N 80°15'25"W / 25.712°N 80.257°W
5	Coral Way	35062	4496	25°45'00"N 80°16'59"W / 25.750°N 80.283°W

High Income Level

Since neighborhoods don't have zip codes we have to look at zip code proximities.

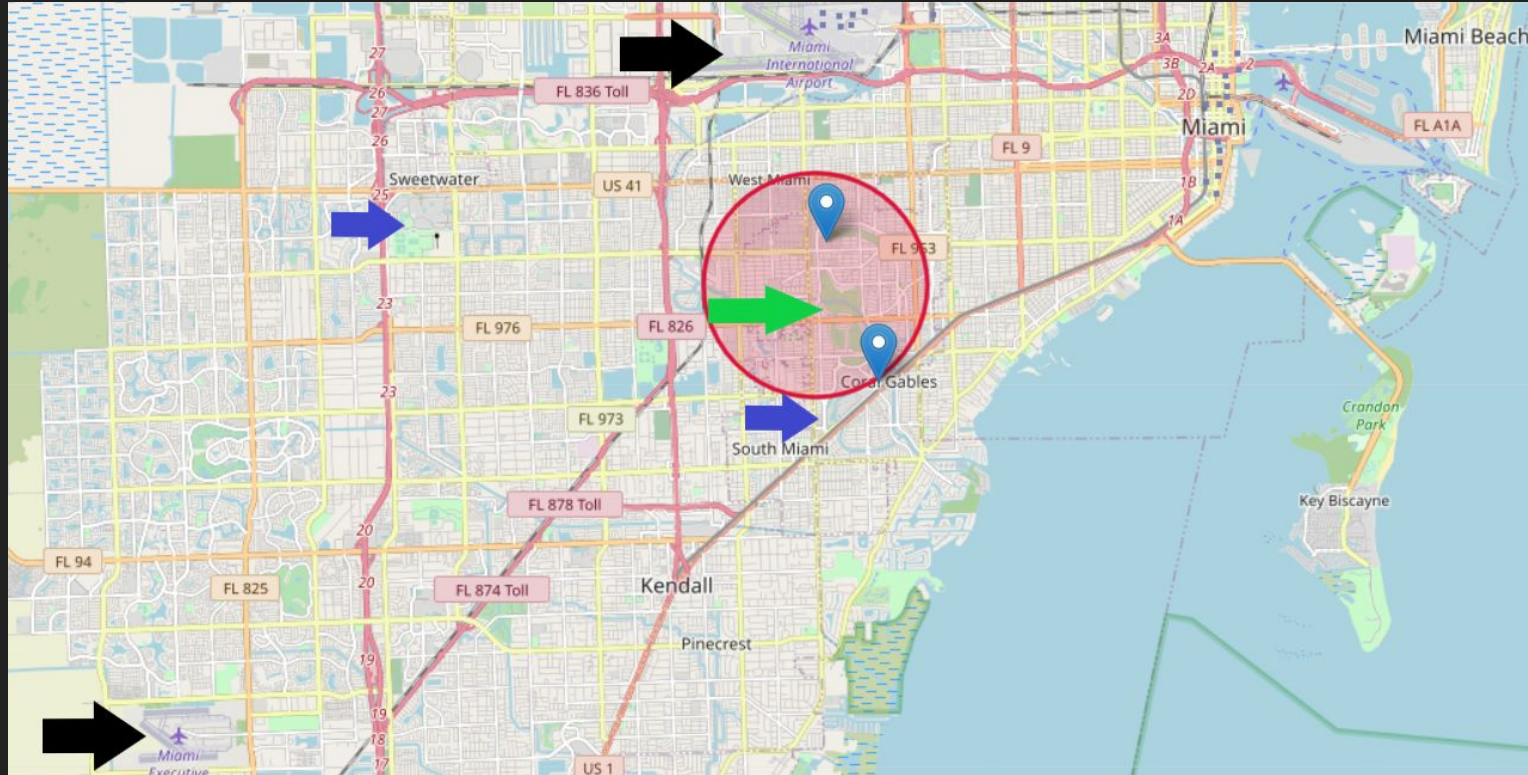
	Location	Indicator Rate Value	Rate Lower Confidence Interval	Rate Upper Confidence Interval
17	33109	200577	37329	363825
48	33158	170673	151080	190266
42	33149	151190	131696	170684
77	33194	118125	112069	124181
40	33146	117500	91534	143466

Competition

With an average of less than a quarter of a restaurant and nearly a mile average distance to a restaurant, Coral Way was prime candidate for a location to be built.

Cluster_Labels		Neighborhood	Num_of_Restaurants	Mean_Dist
0	2	Little Havana	0.250000	0.294362
1	0	Arts & Entertainment District	0.416667	0.194593
2	0	Edgewater	0.583333	0.197838
5	1	Coral Way	0.166667	0.794917

Location Location Location



Conclusion

Looking at the map: blue arrows being large universities, black arrows being airports, and the green arrow being a golf course you can see why this would be an ideal location. Although there are still some other factors that need to be looked at in order to find the ideal property to purchase this at least gives us the ideal location to look.