

Open an authentic Chinese restaurant in Staten Island, NYC

Data Section:

For the purpose of this project, the following data are going to be used:

1. New York City dataset

- Data Description: The NYC data contains all 5 Boroughs and their Neighborhoods, as well as the coordinates that define their location. The dataset provide the ability to explorer all the Neighborhoods in Staten Island.
- Data Source: https://cocl.us/new_york_dataset
- Data Example:

]:				
	Borough	Neighborhood	Latitude	Longitude
0	Staten Island	St. George	40.644982	-74.079353
1	Staten Island	New Brighton	40.640615	-74.087017
2	Staten Island	Stapleton	40.626928	-74.077902
3	Staten Island	Rosebank	40.615305	-74.069805
4	Staten Island	West Brighton	40.631879	-74.107182

2. Foursquare Location data

- Data Description: The Foursquare dataset has the Venues location at each Neighborhood in Staten Island. The venues data are further drill down to Restaurant and then Chinese Restaurant as sub-category.
- Data Source: <https://api.foursquare.com/>
- Data Example:

]:					Venue	Venue Latitude	Venue Longitude	Venue Category
Neighborhood	Neighborhood Latitude	Neighborhood Longitude						
0	St. George	40.644982	-74.079353		Beso	40.643306	-74.076508	Tapas Restaurant
1	St. George	40.644982	-74.079353	Staten Island September 11 Memorial		40.646767	-74.076510	Monument / Landmark
2	St. George	40.644982	-74.079353		A&S Pizzeria	40.643940	-74.077626	Pizza Place
3	St. George	40.644982	-74.079353	Richmond County Bank Ballpark		40.645056	-74.076864	Baseball Stadium
4	St. George	40.644982	-74.079353		Shake Shack	40.643660	-74.075891	Burger Joint

3. Asian Population dataset

- Data Description: The Asian Population data provide the Asian population in each Staten Island Neighborhood and the percentage it represent in respect to the total population. These population

data serve as background information to access whether a neighborhood has the potential customer base to support a new Chinese Restaurant.

- Data Source: <https://statisticalatlas.com/>
- Data Example:

	Neighborhood	% of Asian Population	Count	Rank
0	Emerson Hill	23.40%	3,092	1.0
1	Clifton	20.70%	584	2.0
2	New Springville	19.30%	1,096	3.0
3	Graniteville	18.00%	2,035	4.0
4	Heartland Vlg	18.00%	3,728	5.0