Data

We collected the data from

- NYU spatial data repository.
- Foursquare location and venue data.

We collected the names of the neighborhoods and communities present in the city with the help of the NYU spatial data repository.

We collected the names of restaurants and venues all around the city of New York with the help of the Foursquare location data.

With the help of these two combines dataset and the visualization and analysis techniques we can find a best place in the city that meets the needs of the problem.

With all the needed data collected we can proceed to the analysis part of the problem where find the best possible solution to the problem.

Samples of the data are given below

	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

Sample of the neighborhoods

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Co-op City
Eastchester
Fieldston
Riverdale
Kingsbridge
Marble Hill
Woodlawn
Norwood
Williamsbridge
Baychester
Pelham Parkway
City Island
Bedford Park
University Heights
Morris Heights
Fordham
East Tremont
West Farms
High  Bridge
Melrose
Mott Haven
Port Morris
Longwood
Hunts Point
Morrisania
Soundview
Clason Point
Throgs Neck
Country Club
Parkchester
Westchester Square
Van Nest
Morris Park
Belmont
Spuyten Duyvil
North Riverdale
Pelham Bay
Schuylerville
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Sample of the venues

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	Neighborhood	Neighborhood Latitude	Neighborhood Longitude	Venue	Venue Latitude	Venue Longitude	Venue Category
0	Wakefield	40.894705	-73.847201	Lollipops Gelato	40.894123	-73.845892	Dessert Shop
1	Wakefield	40.894705	-73.847201	Carvel Ice Cream	40.890487	-73.848568	Ice Cream Shop
2	Wakefield	40.894705	-73.847201	Walgreens	40.896528	-73.844700	Pharmacy
3	Wakefield	40.894705	-73.847201	Rite Aid	40.896649	-73.844846	Pharmacy
4	Wakefield	40.894705	-73.847201	Dunkin'	40.890459	-73.849089	Donut Shop

Combined dataset of neighborhoods and venues