



# BATTLE OF THE NEIGHBORHOODS

PRESENTATION

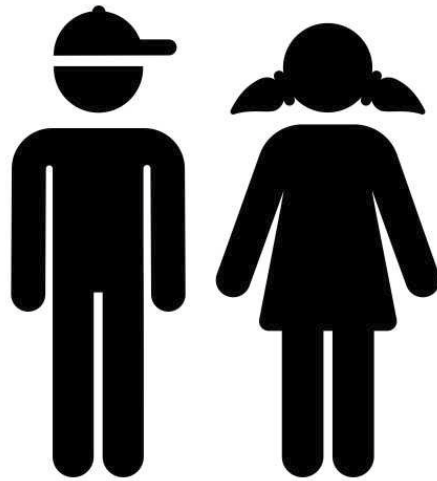
YVETTE LANS



# PROBLEM



Columbia University, NY



John

Girlfriend



Which neighborhood?

- Bakery
- Bar
- Breakfast Spot
- Café
- Cocktail Bar
- Coffee Shop

- Gym / Fitness Center
- Sandwich Place
- Shopping Mall
- Sushi Restaurant
- Pizza Place
- Yoga Studio

Preferences

# DATA



New York Dataset



**FOURSQUARE**

Foursquare API



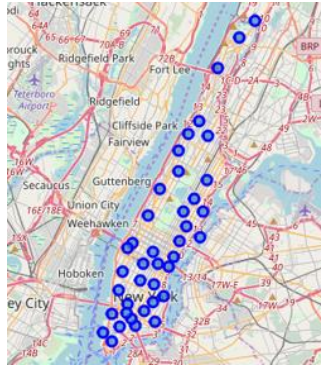
**GeoPy**

Geopy Library

# METHODOLOGY



New York Data



Manhattan Data



- Bakery
- Bar
- Breakfast Spot
- Café
- Cocktail Bar
- Coffee Shop
- Gym / Fitness Center
- Sandwich Place
- Shopping Mall
- Sushi Restaurant
- Pizza Place
- Yoga Studio

Preferences

	Neighborhood	Group
2	Central Harlem	5
21	Manhattanville	5
22	Marble Hill	5
28	Roosevelt Island	5
30	Stuyvesant Town	5



	Bakery	Bar	Breakfast Spot	Café	Cocktail Bar	Coffee Shop	Gym / Fitness Center	Sandwich Place	Shopping Mall	Sushi Restaurant	Pizza Place	Yoga Studio
Neighborhood												
Battery Park City	1	0	0	0	0	8	1	2	2	1	2	0
Carnegie Hill	2	3	1	4	1	5	2	0	0	1	6	3
Central Harlem	0	1	0	1	0	0	2	0	0	0	1	0
Chelsea	4	1	1	1	1	7	1	1	0	1	1	0
Chinatown	3	2	0	0	4	2	0	2	0	0	1	1



# CONCLUSION

