

## Introduction

 In this assignment we will use Foursquare API to explore the nearby Japanese and Mexican restaurants of New York City and compare the ratings and tips of these restaurants.

This report will be targeted to stakeholders interested in opening
 Mexican or Japanese restaurant in nearby New York City.

- We would prefer location closby World Trade Centre. We will use our data science powers to generate a few most promissing neighborhoods based on this criteria. Advantages of each area will then be clearly expressed so that best possible final location can be chosen by stakeholders.
- We will use construct URL to send a request to API to explore venues,
  geographical location using Foursquare and visualize results.



Fig 1 – Japanese restaurants around WTC

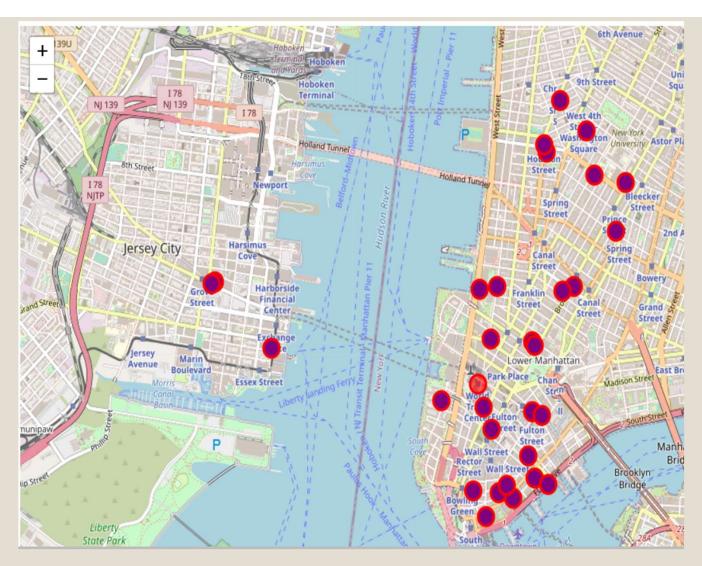


Fig 2 – Mexican restaurants around WTC

SI.no	Japanese Restaurant	Rating
1	Nagoya Japanese Restaurant	0
2	Mana Japanese Restaurant	0
3	Kaede Japanese Restaurant	5.7
4	Tokyo Bay Japanese Restaurant	6.7
5	Shinju Sushi Japanese Restaurant	6.8

SI.no	Mexican Restaurant	Rating
1	Chipotle Mexican Grill Restaurant, end eve	5.8
2	Chipotle Mexican Grill Restaurant, Greenwich st	5.8
3	Chipotle Mexican Grill Restaurant, Bueritto Place	7.0
4	Tex Mexican Restaurant	0
5	Chipotle Mexican Grill Restaurant, 100 maiden lane	5.9

## Conclusion

Final decission on optimal restaurant location will be made by stakeholders based on specific characteristics of neighborhoods and locations in every recommended zone, taking into consideration additional factors like attractiveness of each location (proximity to park or water), levels of noise / proximity to major roads, real estate availability, prices, social and economic dynamics of every neighborhood etc