

INTRODUCTION

New York City's demographics show that it is a large and ethnically diverse metropolis. It is the largest city in the United States with a long history of

international immigration. New York City was home to nearly 8.5 million people in 2014, accounting for over 40% of the population of New York State and a slightly lower percentage of the New York metropolitan area, home to approximately 23.6 million. Over the last decade the city has been growing faster than the region. The New York region continues to be by far the leading metropolitan gateway for legal immigrants admitted into the United States.

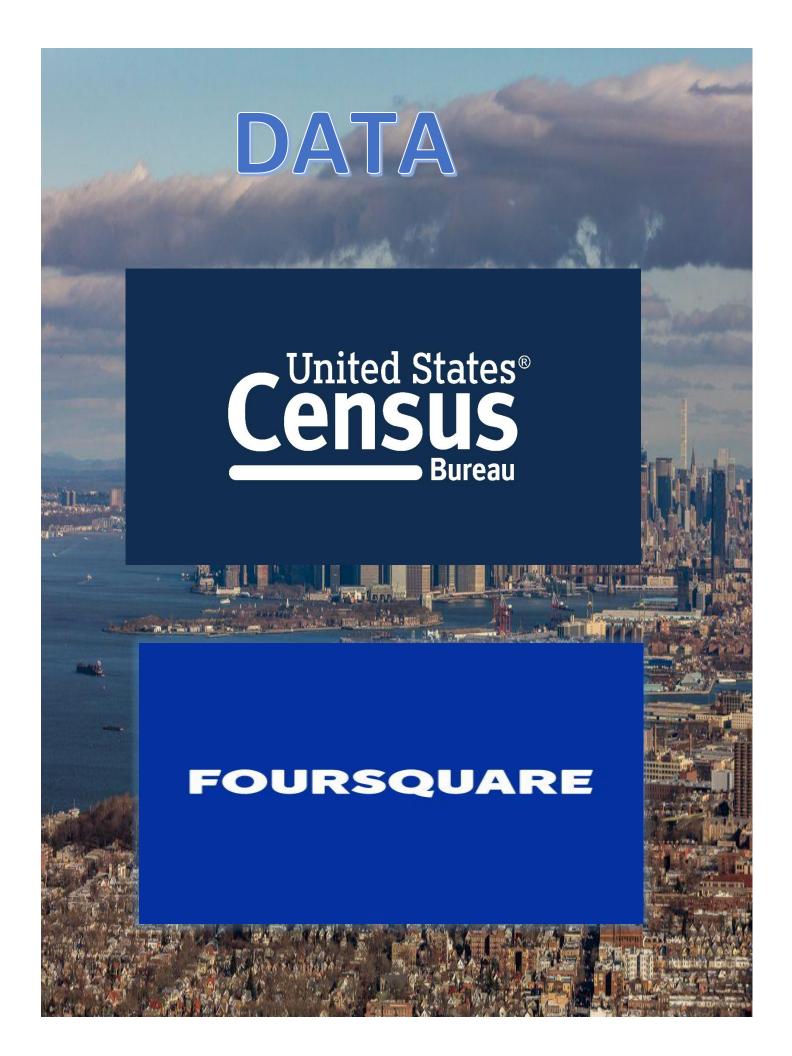
Throughout its history, New York City has been a major point of entry for immigrants; the term "melting pot" was coined to describe densely populated

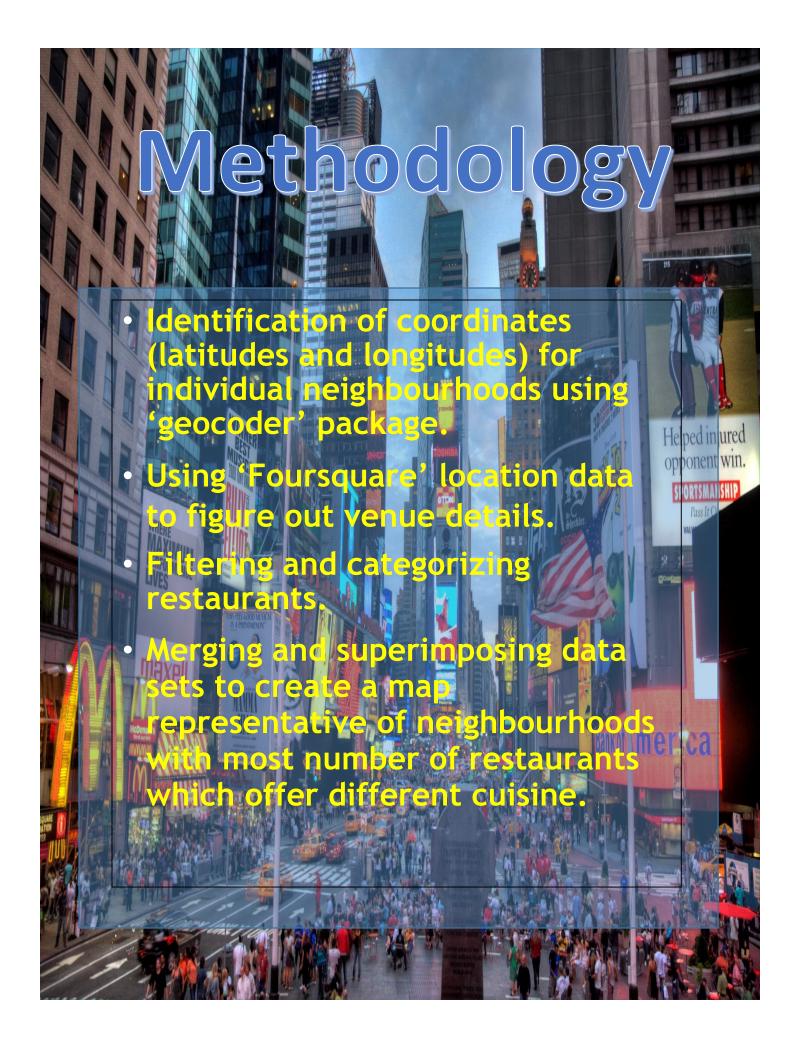
immigrant neighborhoods on the Lower East Side. As many as 800 languages are spoken in New York, making it the most linguistically diverse city in the world. English remains the most widely spoken language, although there are areas in the outer boroughs in which up to 25% of people speak English as an alternate language, and/or have limited or no English language fluency. English is least spoken in neighborhoods such as Flushing, Sunset Park, and Corona.

Opening a new restaurant could prove to be a challenge in any city in the world. The aim of this project is to determine the balance between location, attraction and competition. We want the location to be suitable for the restaurant, while trying to avoid unnecessary competition for this niche cuisine to ensure the profit is maximized.

To find the best spot, we need to analyze the neighborhoods of New York, the location of other restaurants and the most important attractions







RESULTS

Sorted list by place rating

re2_neighborhoods.head(20) #re1_neighborhoods.shape

[20]:		index	Borough	Neighborhood	Latitude	Longitude	restaurants	Gross Domestic Product	Population	Rating
	0	275	Manhattan	Stuyvesant Town	40.731000	-73.974052	1	600.244	1628701	108466681
	1	6	Manhattan	Marble Hill	40.876551	-73.910660	2	600.244	1628701	97634173
	2	110	Manhattan	Roosevelt Island	40.762160	-73.949168	3	600.244	1628701	88768875
	3	127	Manhattan	Battery Park City	40.711932	-74.016869	3	600.244	1628701	88768875
	4	301	Manhattan	Hudson Yards	40.756658	-74.000111	9	600.244	1628701	57462756
	5	125	Manhattan	Morningside Heights	40.808000	-73.963896	10	600.244	1628701	54272697
	6	126	Manhattan	Gramercy	40.737210	-73.981376	11	600.244	1628701	51418203
	7	112	Manhattan	Lincoln Square	40.773529	-73.985338	13	600.244	1628701	46524278

Map best places for restaurants

