

FOOD DESTINATION- NEW YORK CITY OR HOUSTON, TEXAS

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IBM APPLIED DATA SCIENCE CAPSTONE

PURPOSE OF PRESENTATION

1. To provide clear visualizations of the data analysis.
2. To demonstrate the difference between the compact configuration of New York City's culinary scene versus Houston, Texas more spread out configuration.
3. Slide 4 will be the density comparison of Pizza Places in New York City and Houston, Texas. Slide 5 will be BBQ Joints, Slide 6 is Gastropub's, and Slide 7 is Mexican Restaurants. Slide 8 will contain a summary and conclusion of the resulting analysis.

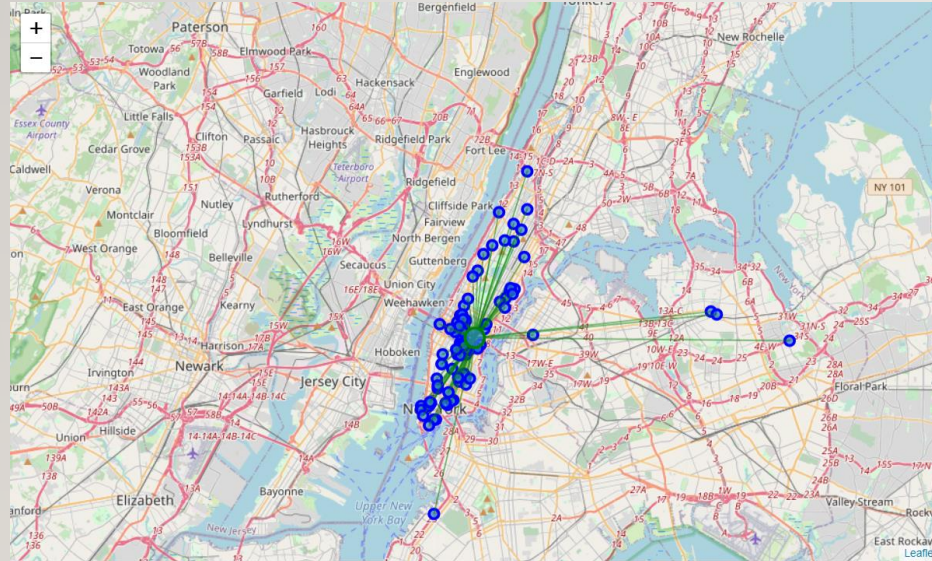
BACKGROUND

Although the COVID-19 pandemic has halted non-essential travel now, planning a foodie vacation can still occur. Imagine traveling to New York City or Houston Texas and partaking in the diverse and nearly abundant food options. To narrow our food options and to prevent information overload, this project examined four types of food establishments:

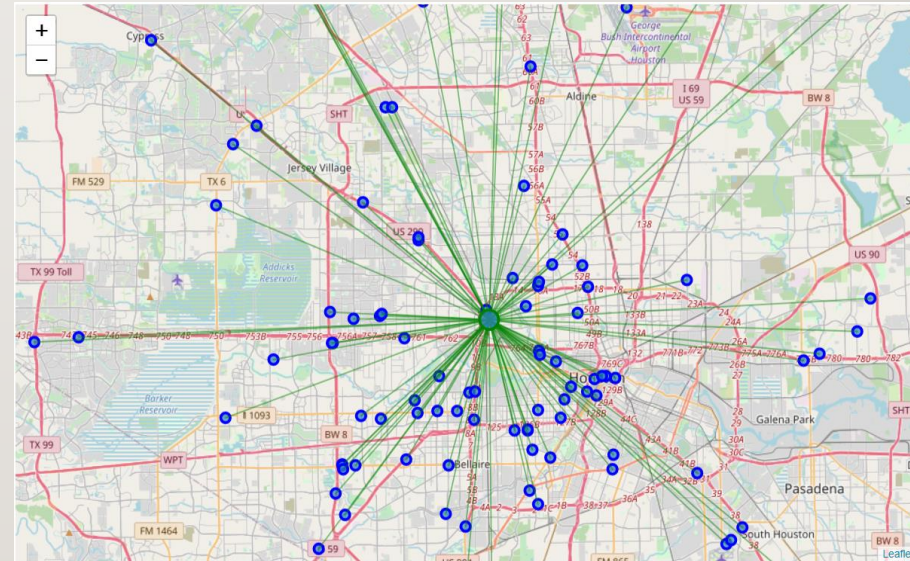
1. Pizza Places
2. BBQ Joints
3. Gastropub's
4. Mexican Restaurants

DENSITY COMPARISON OF PIZZA PLACES- NEW YORK CITY AND HOUSTON TEXAS

New York City



Houston, Texas

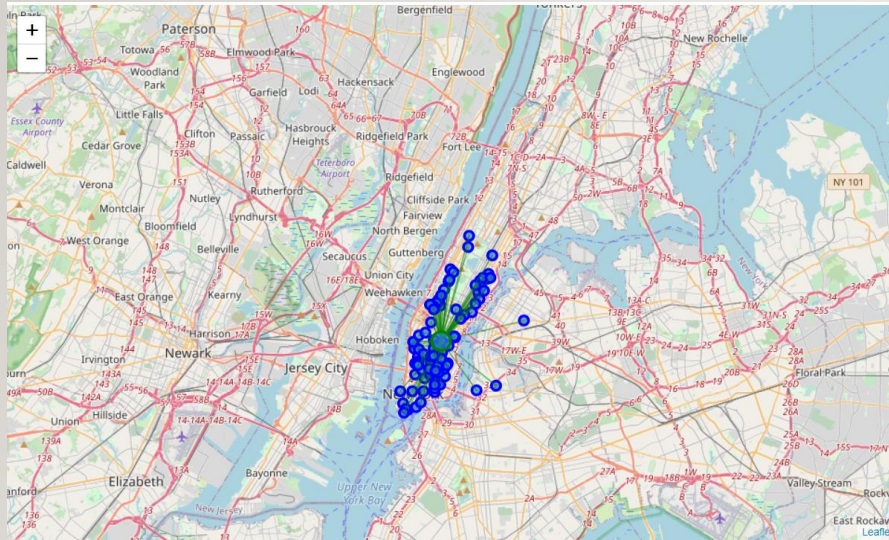




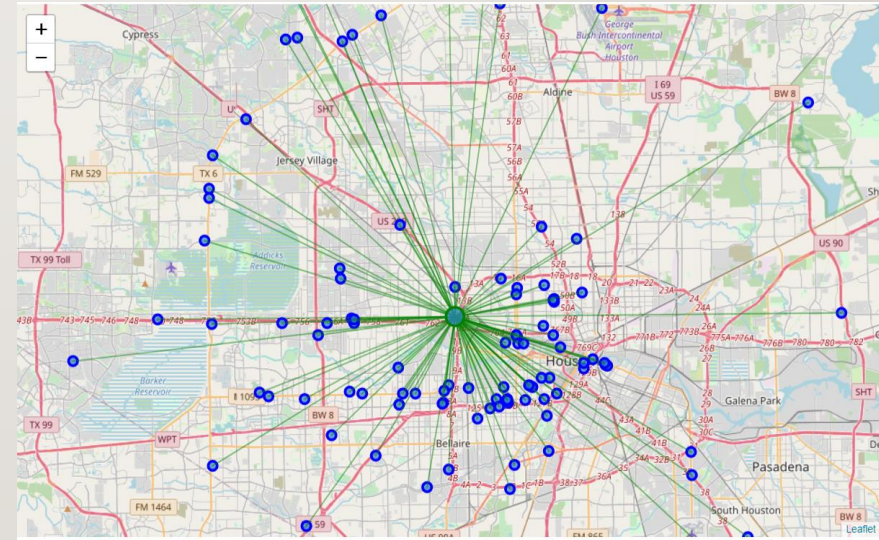


DENSITY COMPARISON OF MEXICAN RESTAURANTS- NEW YORK CITY AND HOUSTON TEXAS

New York City



Houston, Texas



SUMMARY AND CONCLUSION

In summary, this project aimed to provide a potential foodie insight on four types of cuisine: Pizza, BBQ, Gastropub's, and Mexican. After review of this brief presentation and the corresponding report that provides additional details, you will appreciate the functionalities of the Foursquare API and Python 3.6. Remember, you can replicate this analysis with almost any other major city utilizing the links below:

GitHub Project Link:

https://github.com/MatthewK84/Coursera_Capstone/blob/master/Food%20Destination-%20New%20York%20City%20or%20Houston%2C%20Texas_.ipynb

Foursquare API Venue Categories: <https://developer.foursquare.com/docs/build-with-foursquare/categories/>