

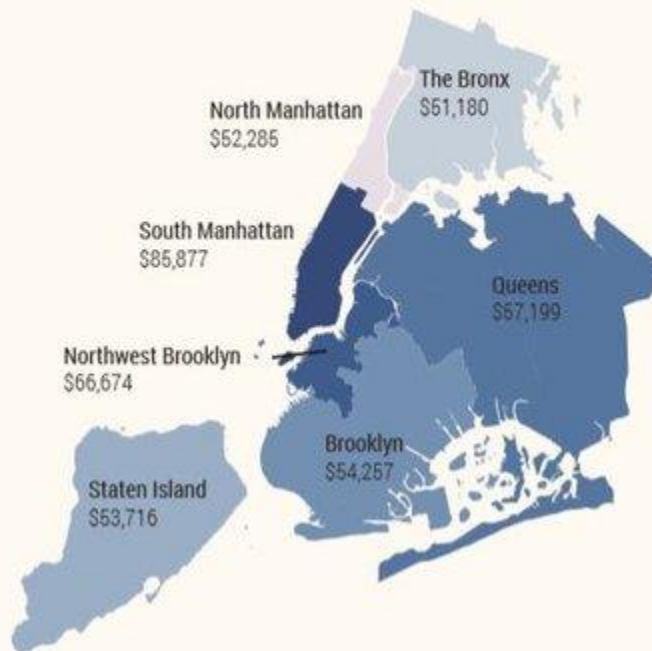
Socioeconomic destinction of New York City neighborhoods

Can the socioeconomic degree of a neighborhood be determined based on the number of coffee and pizza places ?

New York neighborhoods

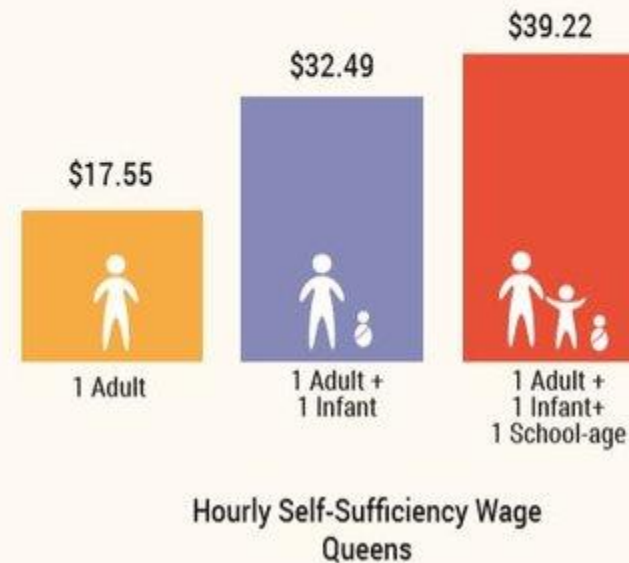
The Cost of Living Varies By Location

The Standard varies across, and within, New York City boroughs. An adult with a school-age child needs \$51,180 to \$85,877 annually to meet basic needs depending on borough.



The Cost of Living Varies by Family Type

Reflecting the high cost of child care, households with young children have the highest Self-Sufficiency Standards. For example, a single adult in Queens needs a full-time job earning \$17.55 per hour to meet basic needs. However, an adult with one infant needs to earn \$32.49 per hour to be self-sufficient.



Ref: <http://www.centrernyc.org/forty-percent-of-nycs-working-families-dont>

Coffee & Pizza places

IBM Watson Studio | IBM Watson Studio | IBM Cloud Billing and Usage | IBM Watson | Capstone Project - The Battle of... | (1 361 olásta) - fischlephack... | KnarfSkidbacke/Coursera_C... | Coffee Pizza New York

Foursquare Labs, Inc. [US] | <https://foursquare.com/explore?mode=url&ne=40.78951%2C-73.876104&q=Coffee%20Pizza&sw=40.6822%2C-74.085875>

FOURSQUARE CITY GUIDE | Coffee Pizza | Current Map View | Log In | Sign Up

Suggestions for **Coffee Pizza** near **New York**

Filters: Specials | Haven't Been | Following | Price | Open Now | Saved | Liked

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1. Saraghina 9.2
Pizza • \$5 • View Menu
435 Halsey St (at Lewis Ave), Brooklyn
Save
★ This place is famous for their pizza. It's one of the most popular in the city!

2. Grandaisy Bakery 8.2
Pizza • \$5 • View Menu
250 W Broadway (at Beach St), New York
Save
★ The folks at Village Voice and The Corcoran Group like this place. Would you agree?

3. Caffè Marchio 8.8
Café • \$15 • View Menu
30 E 30th St (btwn Madison & Park Ave), New York
Save
Fernando M. • December 26, 2017
All the drinks are great, along with the pastries!

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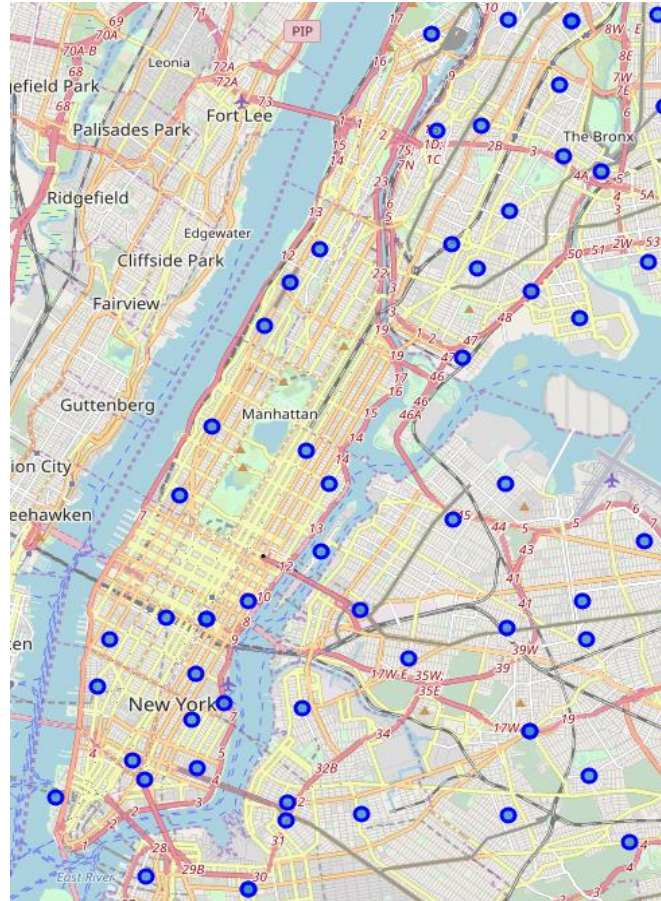
NY_foursquare_co...png | NY_borough_adult...jpg | UM_income_NY_n...png | Toronto_neighb...ipynb | Hemnet2data.ipynb | Final_battle_test...ipynb | Show all

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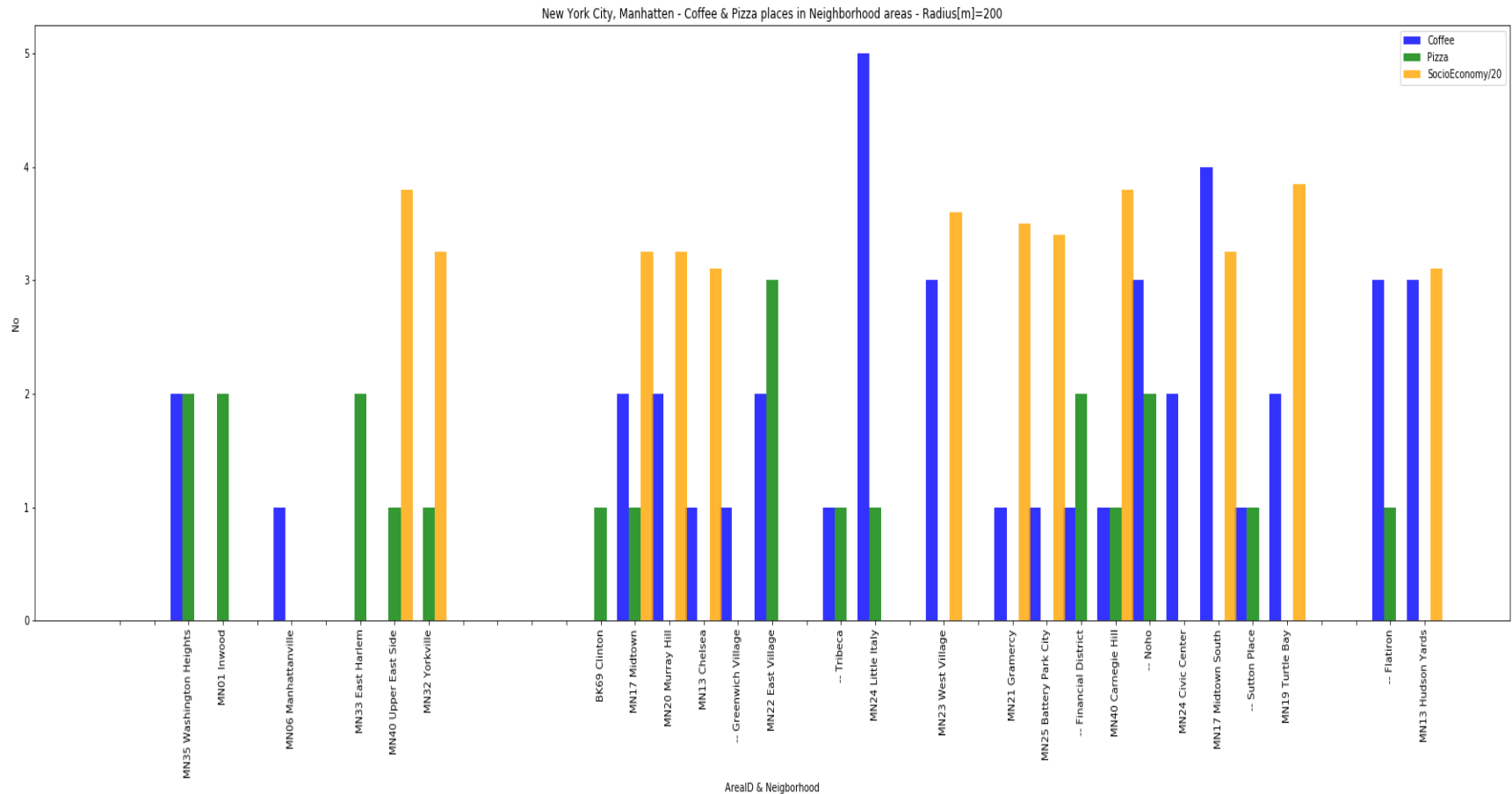
Ref: <https://foursquare.com/explore?mode=url&ne=40.78951%2C-73.876104&q=Coffee%20Pizza&sw=40.6822%2C-74.085875>

New York City OpenData

Neighborhoods – only Manhattan was selected, in the end.



Coffee & Pizza in Neighborhood



Only the Socio-economic-ratio (Income/Housing Cost) above 2 sigma is shown, the largest ratios!

Summary

- Hard to find suitable data with high geolocation resolution.
- Too few data as the final evaluation was done only for Manhattan, NY.
- The presented Socio-economic ratio(Income/Housing Cost) needs to be reevaluated, if appropriate.
- Other major cities must be studied to prove the relevance of the Coffee-Pizza vs Socio-economic-neighborhood relation, if any. Even cities outside the USA should be evaluated.

References

- <http://www.centrernyc.org/forty-percent-of-nycs-working-families-dont>
- <https://foursquare.com/city-guide>
- This work
https://github.com/KnarfSkidbacke/Coursera_Capstone