



Find Best Bars

Near New York, NY



BEST BARS IN NEW YORK CITY



BASANT DHITAL



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Project Outline:

Why New York city bar project?

What questions that I would like to get answer after this project?

Challenges for collecting and cleaning data

Data analysis

Conclusion and future direction



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1. Which Neighborhood in New York City has the most active night life?
2. Which are the best bars in New York city?
3. Which day of the week is best and worst to go bars?
4. What percentage of bars are wheel chair accessible?
5. What percentage of bars have happy hours and bar TV?

Scrapy was used for web scraping Yelp website



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Contact Yelp if you keep experiencing issues.

Challenges:

- Finding correct x-path for each attributes
- Choosing neighborhood in New York City

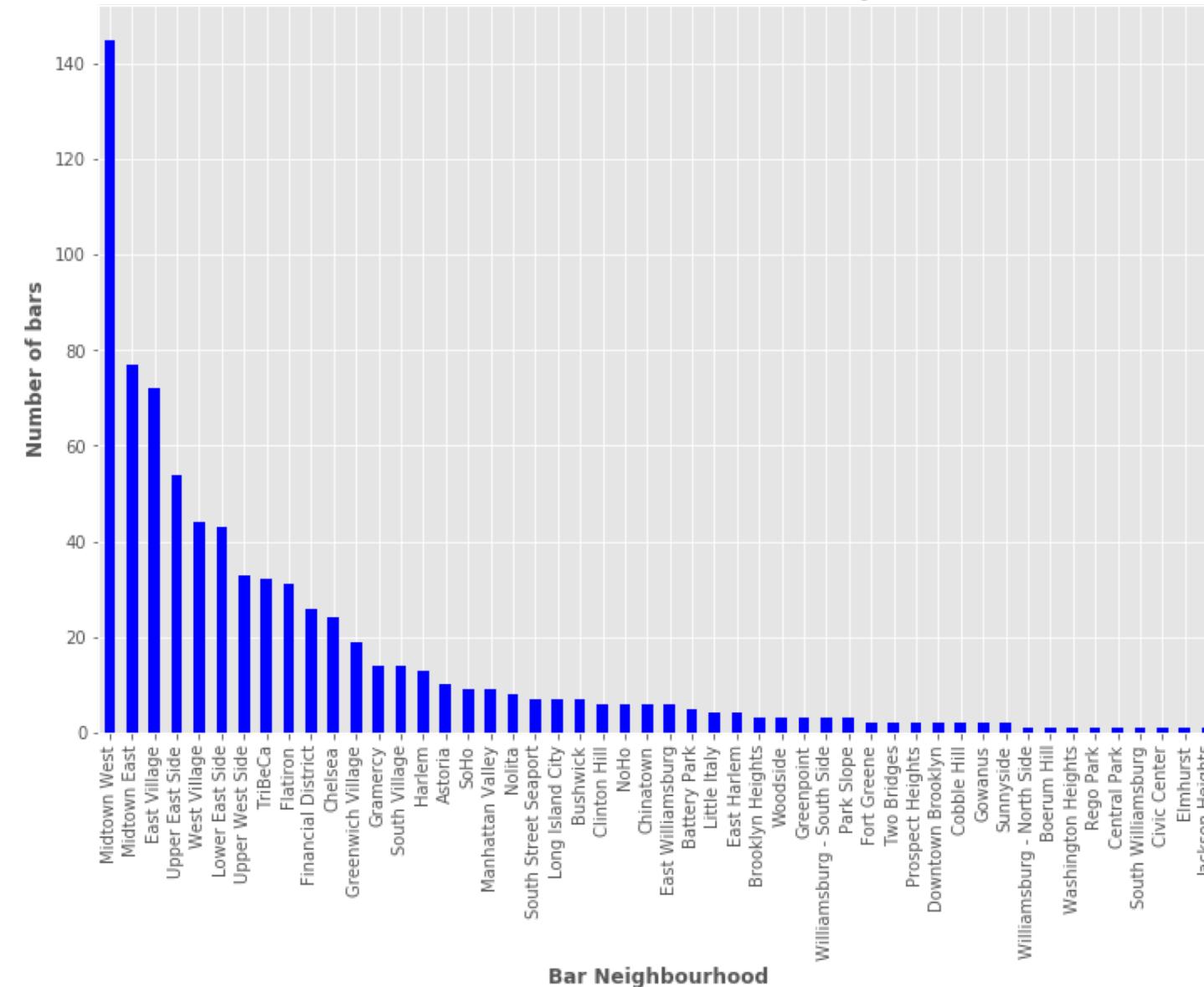


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Bar distribution in New York City



Top Five neighborhood with Active Night life:

1. Mid town West
2. Mid town East
3. East Village
4. Upper East Side
5. West Village



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Best bars on the basis of popularity index

Bar Name	Popularity index	Price range
The Park	565.33	2
The Smith	534.25	2
Bea	491.00	2
Angel's Share	431.77	2
Please Don't Tell	397.75	3
The Smith	393.71	2
Frying Pan	347.00	2
Death & Co	341.75	3
Employees only	336.50	3
Verlaine	333.75	2

Popularity index = (Number of reviews)/ ratings

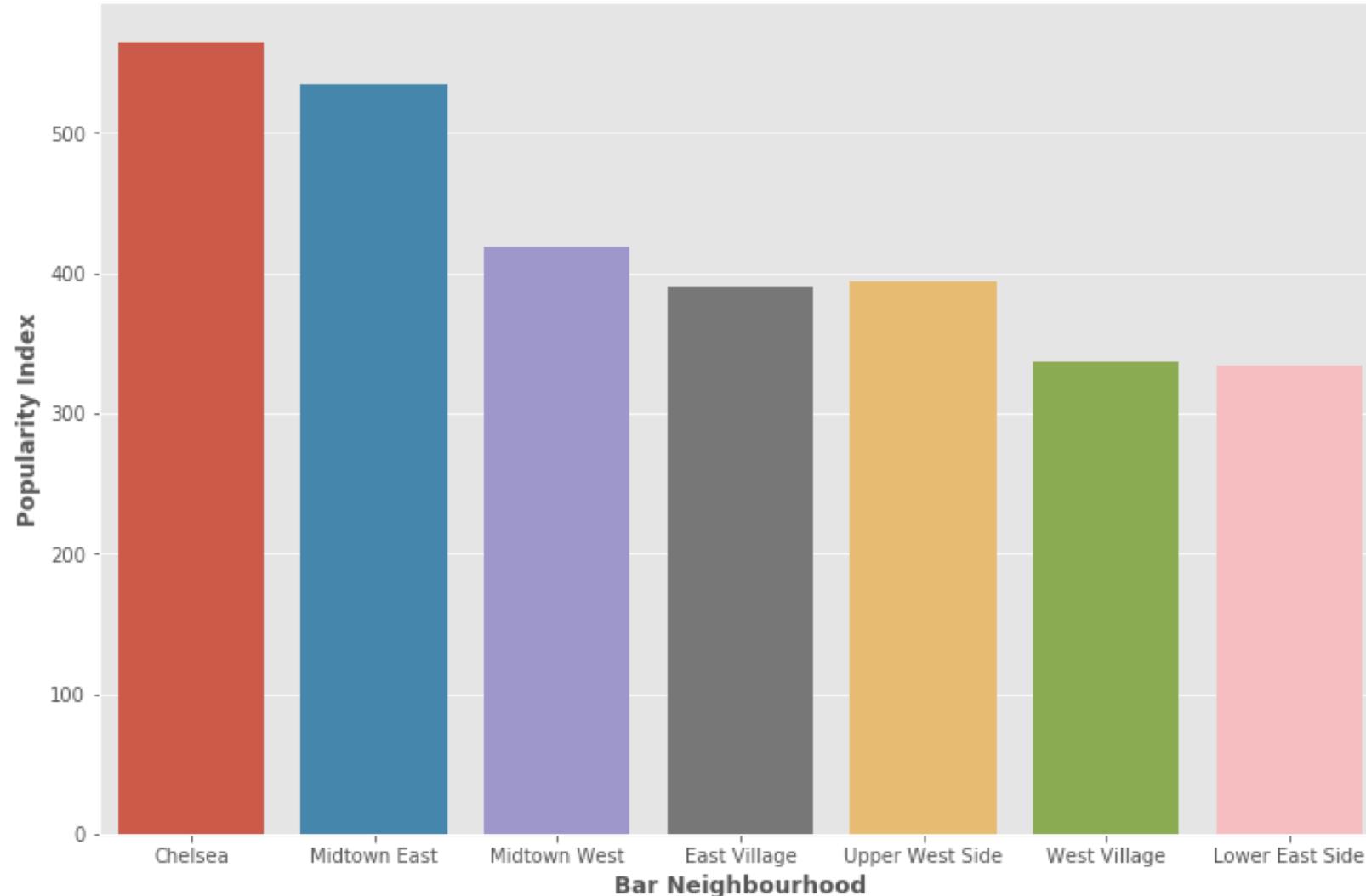


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Bar neighbourhood with higher popularity index





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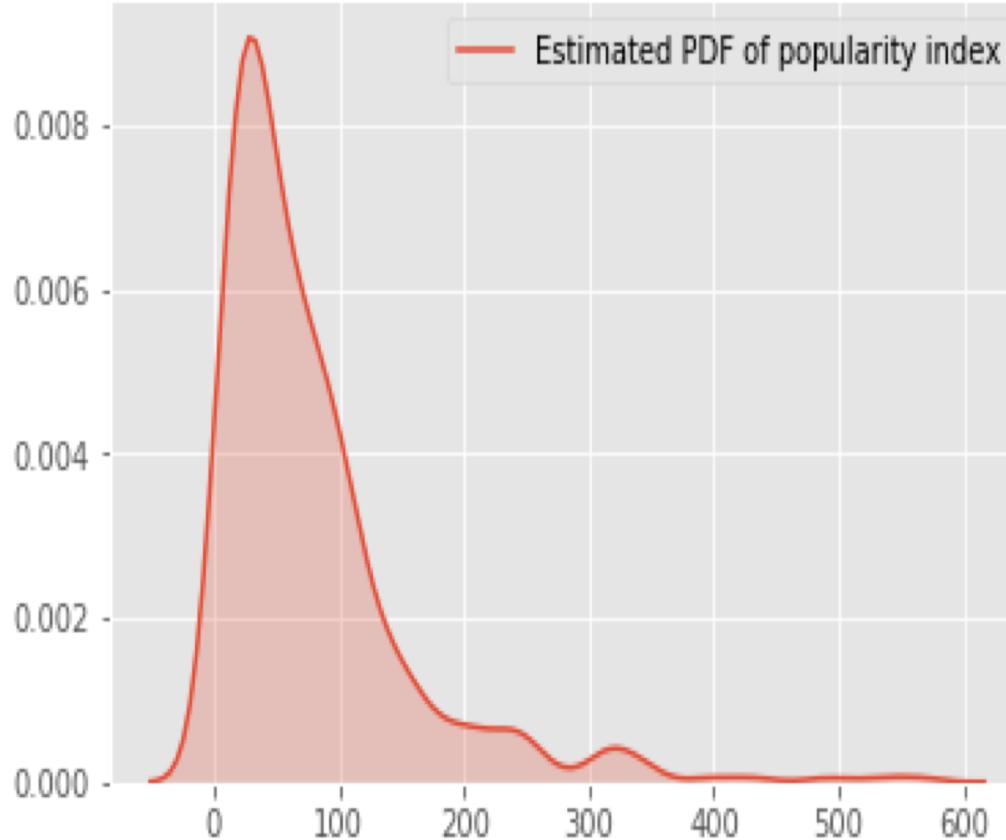


Which is the best and worst night to go bars in New York city ?

Best night:
Friday

Worst night:
Monday

Days	Total popularity index by a day of week	Normalized Pop. Index for each day
Friday	30632.43	23.79
Saturday	29120.72	22.62
Thursday	25381.67	19.72
Wednesday	16025.03	4.68
Sunday	4783.85	3.72
Tuesday	3250.44	2.52
Monday	1287.31	1.00



Wheel-chair accessible bars	30.01 %
Bar dancing	8.15 %
Bar TV	51.23 %
Bar Reservation	53.56 %
Bar Parking-----garage	9.44 %
Bar Happy Hour	53.04 %



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Conclusion :

These are the bar information to chose your best bars in New York City

From business point of view, this project provides area to improve such as bar parking, bar dancing in order to have best bars in New York city

Future Direction:

I would like to have more information about male to female ratio by scraping the individual reviewer which I left for future

Finding zones of popular drinking site (may be using heat map) might provide driving industry new area to focus to expand their business



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*Questions please.....
if any.....*