

Comparing New York and Amsterdam

Dennis van Nooij

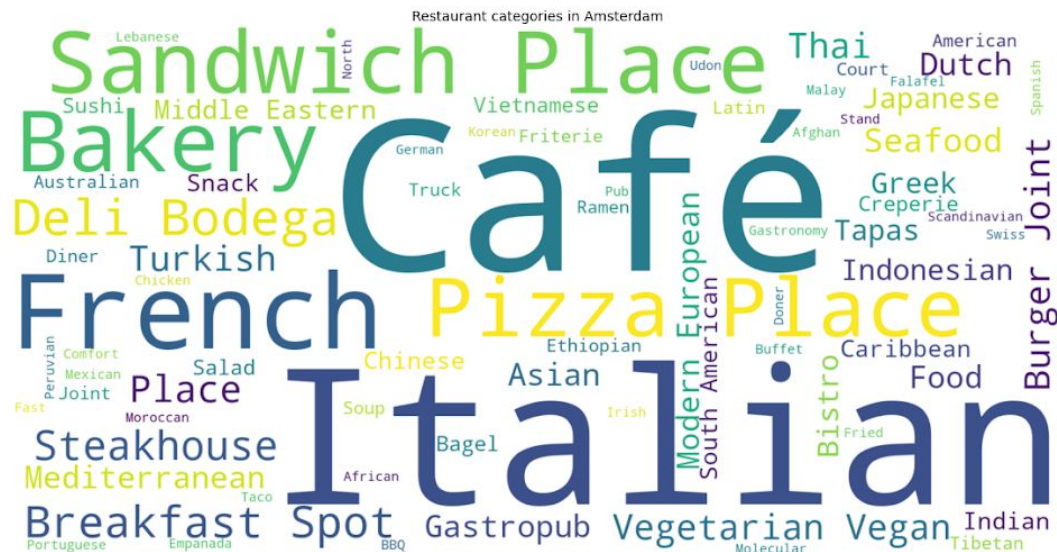
Introduction

If you are a hardcore foodie, should you move to New York if you are living in Amsterdam now? Let's find out!

Data gathering and cleaning

- A csv file describing the NYC neighbourhoods was provided in the course
- Amsterdam neighbourhood info was retrieved from https://maps.amsterdam.nl/open_geodata/
- The Foursquare places SDK was used to get the list of venues
- A lookup table to group national kitchens into regions was created
- Data was cleaned up to improve readability

Venue Categories in Amsterdam - Word cloud



Venue Categories in Amsterdam - Bar chart

Venue Category	
Restaurant	49
Café	40
Italian Restaurant	32
French Restaurant	27
Sandwich Place	19
...	...
Moroccan Restaurant	1
Food Stand	1
Afghan Restaurant	1
Swiss Restaurant	1
Malay Restaurant	1

72 rows × 1 columns

Venue Categories in New York - Bar chart

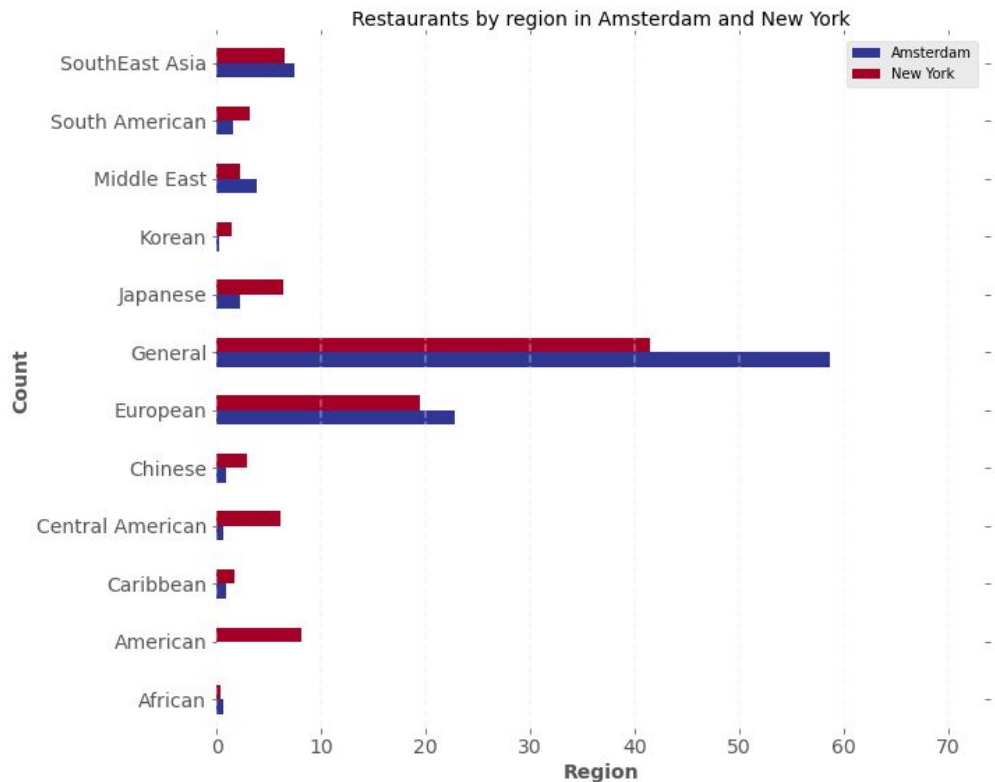
	Category	Count
0	Italian Restaurant	107
1	Pizza Place	90
2	Café	76
3	Mexican Restaurant	66
4	American Restaurant	63
...
101	Jewish Restaurant	1
102	Persian Restaurant	1
103	Venezuelan Restaurant	1
104	Molecular Gastronomy Restaurant	1
105	Gluten-free Restaurant	1

106 rows x 2 columns

Comparing Amsterdam and New York

In the two cities combined there are **117** venue categories. Of those, **44** categories are only present in *New York*. **11** Categories are only present in *Amsterdam*

Comparing Amsterdam and New York - By regions



Conclusion

New York has a richer offering of restaurants (44 unique ones, versus 11 in Amsterdam). Amsterdam has more restaurants without a specifically defined kitchen (type is just “restaurant”). Looking at the data by grouping them into regions shows a similar trends although the differences are not that big

So... Move! :)