

Applied Data Science Capstone

Problem Description

- Visitors to Chinatown need a guide to know the top venues worth a visit around it

About the Data

- It will be retrieved from Foursquare

Methodology

- Use the New York City neighborhood data provided at [“https://geo.nyu.edu/catalog/nyu_2451_34572”](https://geo.nyu.edu/catalog/nyu_2451_34572)
- Retrieve venues' data from Foursquare by calling its API

Results

	name	categories	address	crossStreet
0	Hotel 50 Bowery NYC	Hotel	50 Bowery	btwn Bayard & Canal St
1	Kiki's	Greek Restaurant	130 Division St	btwn Orchard & Ludlow St
2	Bar Belly	Cocktail Bar	14 Orchard St	at Canal St
3	Scarr's Pizza	Pizza Place	22 Orchard St	btwn Canal & Hester St
4	Cheeky Sandwiches	Sandwich Place	35 Orchard St	btwn Canal & Hester St
5	Spicy Village	Chinese Restaurant	68B Forsyth St	btwn Grand & Hester
6	Mission Escape Games	General Entertainment	55 Chrystie St Apt 210	NaN
7	Metrograph	Indie Movie Theater	7 Ludlow St	at Canal St
8	Sam's Fried Ice Cream	Ice Cream Shop	37 Orchard St	Hester St
9	Forgtmenot	New American Restaurant	138 Division St	NaN
10	Xi'an Famous Foods	Chinese Restaurant	45 Bayard St	Bowery
11	Regina's Grocery	Sandwich Place	27 Orchard St	btwn Canal & Hester St
12	Simple	Asian Restaurant	109 Eldridge St	btwn Broome & Grand St
13	The Original Chinatown Ice Cream Factory 華埠雪糕行...	Ice Cream Shop	65 Bayard St	btwn Elizabeth & Mott St
14	Dimes Deli	Organic Grocery	143 Division St	Canal St
15	Little Canal	Coffee Shop	26 Canal St	at Essex St
16	Apothéke	Cocktail Bar	9 Doyers St	btwn Pell St & Bowery
17	oo35mm.com	Cosmetics Shop	81 Mott St	2FL
18	Zu Yuan Spa	Spa	48 Mott St Fl 2	NaN
19	Zest Ramen	Ramen Restaurant	112 Eldridge St	btwn Grand & Broome St
20	CW Pencil Enterprise	Paper / Office Supplies Store	15 Orchard St	NaN

Discussion

- Some Chinese characters show up in venues' names
- Maybe Foursquare should create a field called “venue's name in languages other than English” to avoid potential problems caused by such double-byte characters

Conclusion

- Many interesting venues are located around Chinatown. Time to take a walk and a look! 😊

THANK YOU!