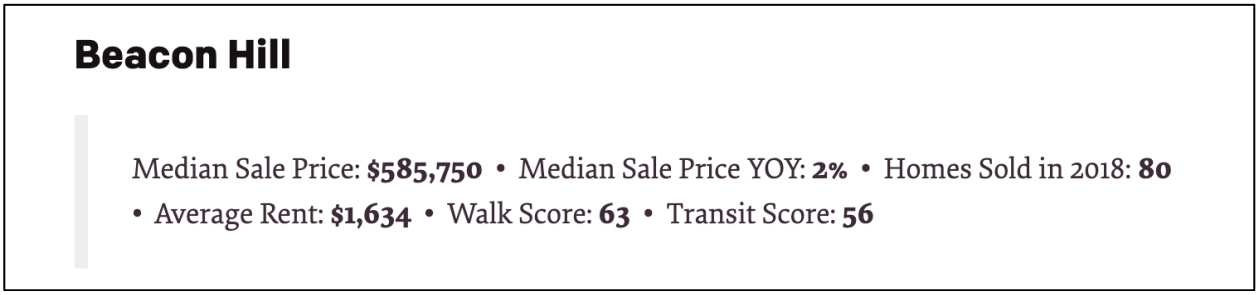
Data

I will be considering 12 neighborhoods, the average rent at these places, and the uniqueness of venues in a 500-meter radius of each neighborhood's location.

Some of the data will be obtained by web scraping the following website: https://www.seattlemet.com/home-and-real-estate/2019/03/the-top-12-neighborhoods-in-seattle-2019-edition

The data obtained will be the neighborhood name and the Average Rent in USD, as shown in the screenshot below:



Beacon Hill

> Median Sale Price: **$585,750** • Median Sale Price YOY: **2%** • Homes Sold in 2018: **80** • Average Rent: **$1,634** • Walk Score: **63** • Transit Score: **56**

After web scraping, the data will be stored as a .csv file, a screenshot of which is shown below:

	A	B	C	D	E
1		Neighborhood	Average Rent (USD)	Latitude	Longitude
2	0	West Seattle	1832	47.5709315	-122.38652
3	1	Beacon Hill	1634	47.579271	-122.31179
4	2	Ravenna	1598	47.6756537	-122.29763
5	3	Columbia City	2272	47.5579124	-122.28522
6	4	Ballard	2174	47.6765073	-122.38622

Data obtained using the Foursquare API will also be used for the project. Foursquare data will be queried using the API to get a list of venues, and the categories in which those venues lie.

A sample of the data in .csv format is shown below:

	A	B	C	D	E	F	G	H
1		Neighborhood	Neighborhoo	Neighborhoo	Venue	Venue Latitu	Venue Longi	Venue Category
2	0	West Seattle	47.5709315	-122.38652	Olympia Coffee	47.5693838	-122.38668	Coffee Shop
3	1	West Seattle	47.5709315	-122.38652	Meeples Games	47.5704955	-122.38704	Gaming Cafe
4	2	West Seattle	47.5709315	-122.38652	Prost - West Seattle	47.5734936	-122.38696	Pub
5	3	West Seattle	47.5709315	-122.38652	West Seattle Runner	47.5703625	-122.38709	Sporting Goods Shop
6	4	West Seattle	47.5709315	-122.38652	Spiro's Pizza & Pasta - West Seattle	47.573744	-122.38696	Pizza Place