



# Sustainable life in Covid-19 Era

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“You will never feel truly satisfied by work until you are satisfied by life.”

- HEATHER SCHUCK

# Where do you want to live if you are not “tied” to an office?

- Working from Home (Remote) has provided individuals an alternative to living where they work or go to school.
- How do you find that city that has the “feel”, the “life” that you want to be able to explore, be a part of, and have it out your front door?
- Has there been cities you have visited that you can say – “I would love to live here!!” ??

# The Data and Methodology

- Scope : Kansas City, MO, Ft. Collins, CO and Portland, OR
- Mapping data for 3 locations wanting to explore using Folium maps in Python
- Foursquare data through an API to plot venues and then analyze venue categories to get a summary of neighborhoods(zip codes) where venues of common interest cluster.

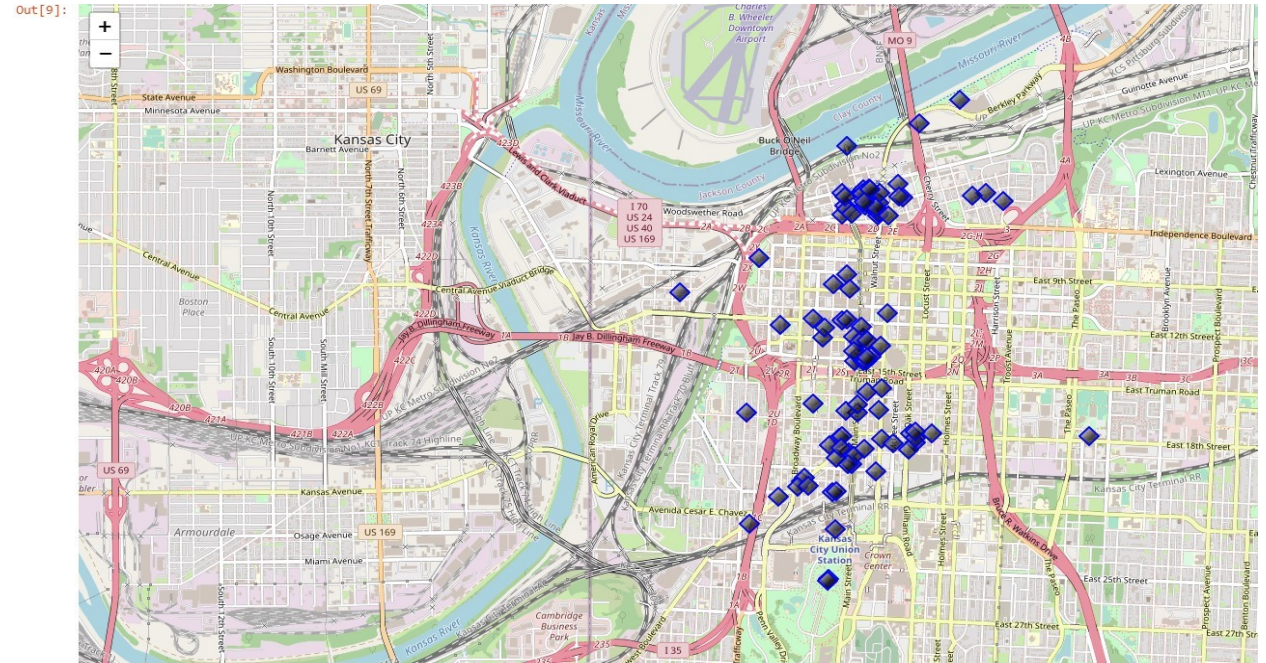
**This is a sample of the data to include the “fun” stuff to look at and the reality of cost**

**However - template provides for more data to build on other data that will provide you flexibility in look at other features!**



# The Results

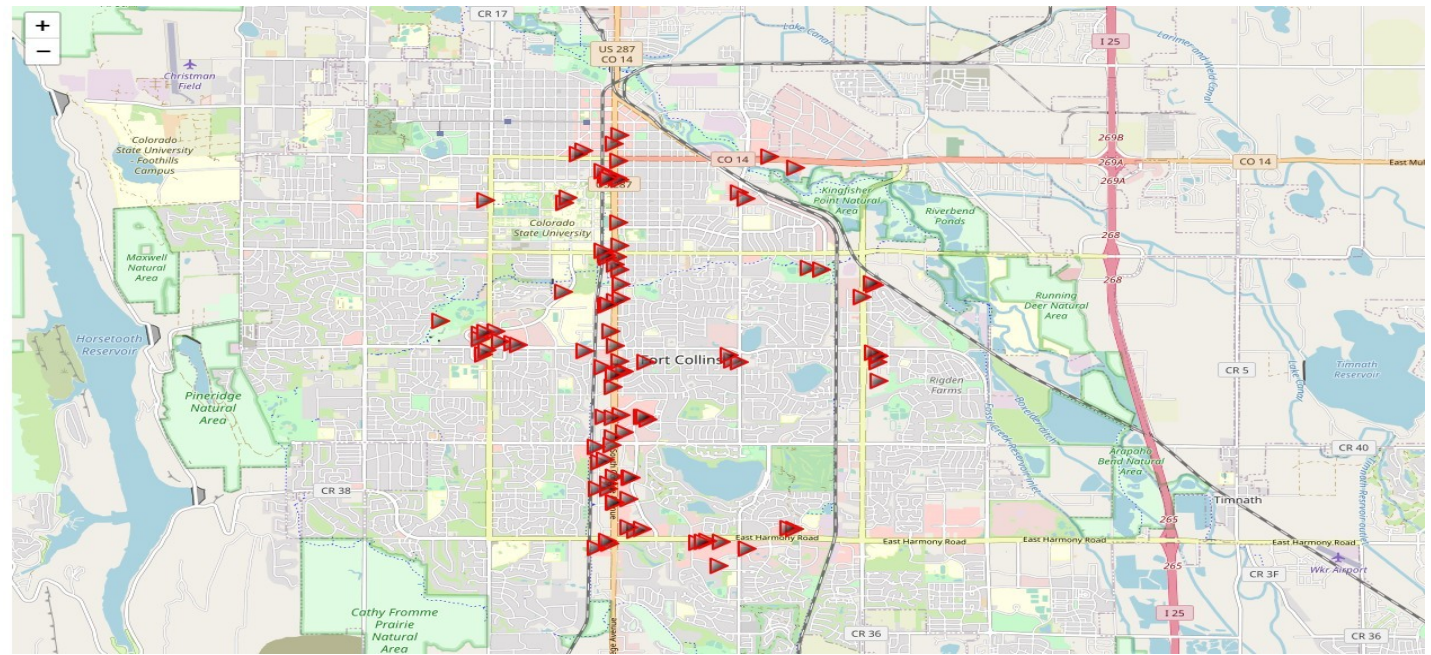
Kansas City, MO



|   | postalCode | 1st Most Common Venue | 2nd Most Common Venue | 3rd Most Common Venue | 4th Most Common Venue | 5th Most Common Venue |
|---|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 0 | 64101      | Cocktail Bar          | Wine Shop             | Herbs & Spices Store  | Health Food Store     | Gym                   |
| 1 | 64105      | American Restaurant   | Café                  | Salon / Barbershop    | Hotel                 | Pizza Place           |
| 2 | 64106      | Sandwich Place        | Vietnamese Restaurant | American Restaurant   | Brazilian Restaurant  | Coffee Shop           |
| 3 | 64108      | Coffee Shop           | Brewery               | Tapas Restaurant      | Music Venue           | History Museum        |
| 4 | 64120      | Dog Run               | Wine Shop             | Cocktail Bar          | Herbs & Spices Store  | Health Food Store     |

# The Results

Fort Collins, CO

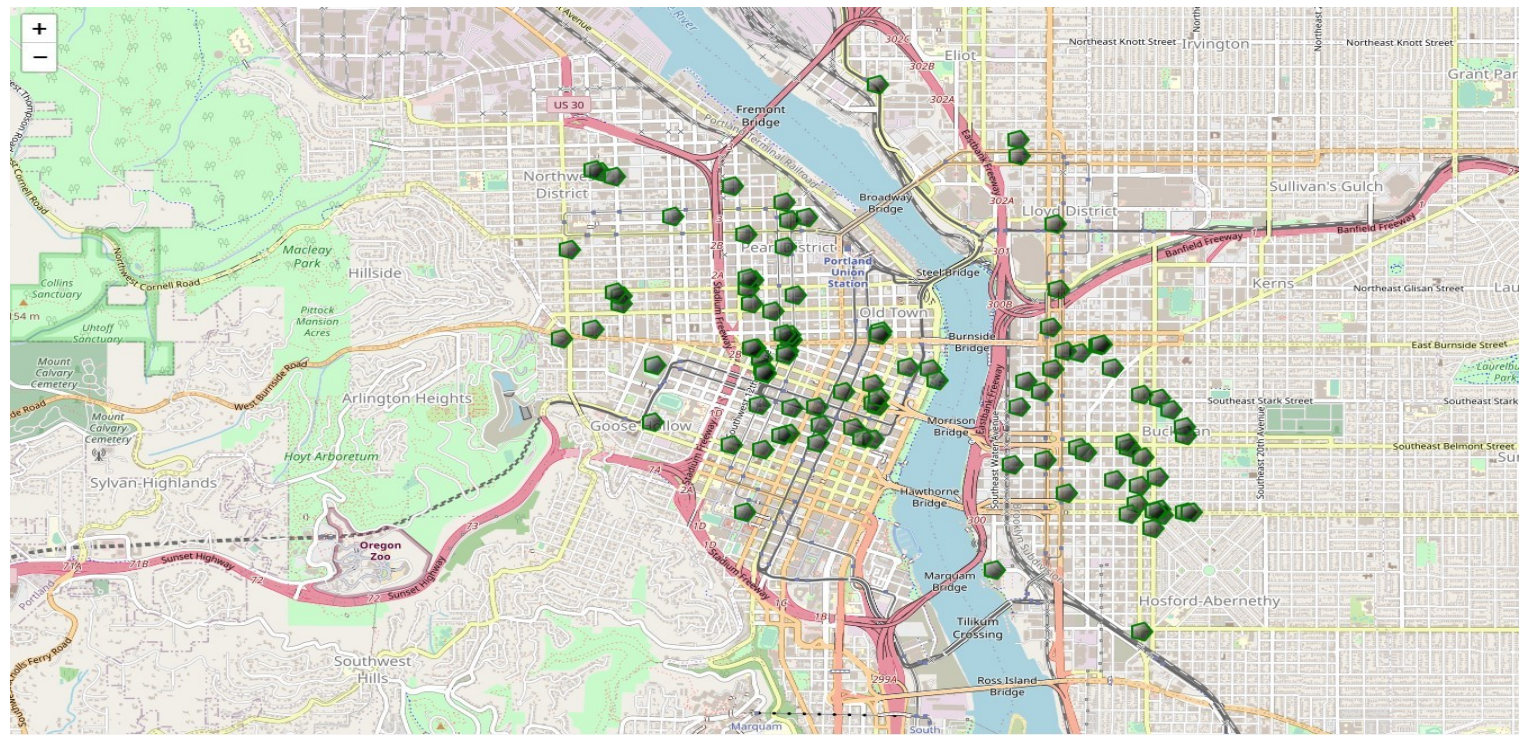


|   | postalCode | 1st Most Common Venue | 2nd Most Common Venue | 3rd Most Common Venue | 4th Most Common Venue  | 5th Most Common Venue     |
|---|------------|-----------------------|-----------------------|-----------------------|------------------------|---------------------------|
| 0 | 80521      | Pizza Place           | Park                  | Bar                   | Theater                | Cajun / Creole Restaurant |
| 1 | 80523      | College Bookstore     | Yoga Studio           | Church                | Furniture / Home Store | Frozen Yogurt Shop        |
| 2 | 80524      | Beer Garden           | Sandwich Place        | Pizza Place           | Coffee Shop            | Wine Bar                  |
| 3 | 80525      | Coffee Shop           | Grocery Store         | Mexican Restaurant    | Brewery                | Chinese Restaurant        |
| 4 | 80526      | Pizza Place           | Coffee Shop           | Asian Restaurant      | Gym / Fitness Center   | Donut Shop                |

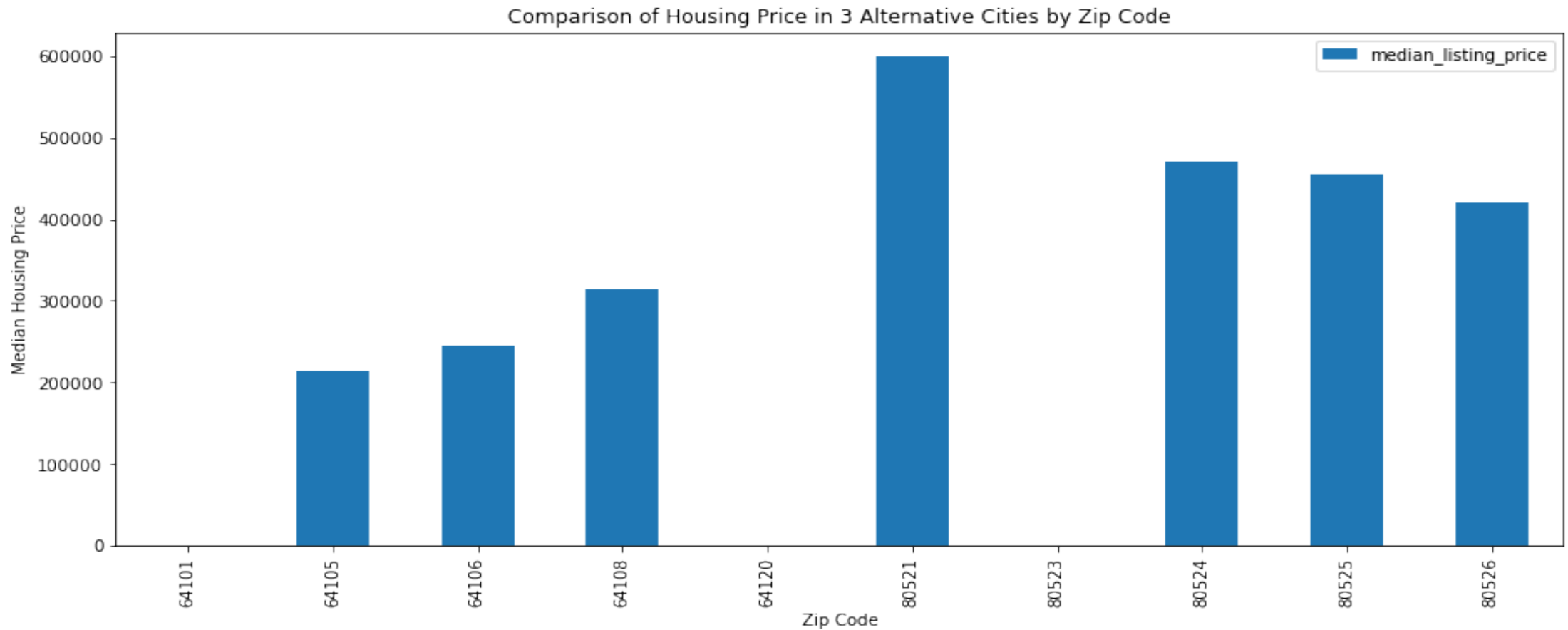


# The Results

Portland, OR



|   | postalCode | 1st Most Common Venue         | 2nd Most Common Venue | 3rd Most Common Venue | 4th Most Common Venue   | 5th Most Common Venue |
|---|------------|-------------------------------|-----------------------|-----------------------|-------------------------|-----------------------|
| 0 | 97201      | Farmers Market                | Park                  | Cooking School        | Coffee Shop             | Yoga Studio           |
| 1 | 97202      | Vegetarian / Vegan Restaurant | Breakfast Spot        | Concert Hall          | Fried Chicken Joint     | French Restaurant     |
| 2 | 97205      | American Restaurant           | Coffee Shop           | Israeli Restaurant    | Italian Restaurant      | Diner                 |
| 3 | 97209      | Bookstore                     | Coffee Shop           | Hotel                 | Bakery                  | Pizza Place           |
| 4 | 97210      | Grocery Store                 | Ice Cream Shop        | Brewery               | New American Restaurant | Cocktail Bar          |
| 5 | 97212      | Fried Chicken Joint           | Comic Shop            | French Restaurant     | Food Truck              | Farmers Market        |
| 6 | 97214      | Brewery                       | Coffee Shop           | Grocery Store         | French Restaurant       | Food Truck            |
| 7 | 97232      | Coffee Shop                   | Bakery                | Hotel                 | Art Museum              | Art Gallery           |



Kansas City, MO

Fort Collins, CO

Portland, OR

## The Results

Housing Prices are lowest in Kansas City outside of one zipcode (97205) in Portland



# Conclusions

- Take advantage of Foursquare/Folium mapping to explore venues that are of interest to each person and pay attention to the “natural” features of Folium to get a “birds-eye” view of the city and areas of interest denoted on the map
- Additional data may be added to this analysis for crime rate, healthcare availability or other factors beneficial for your discovery and decision-making process.

**We will be looking at Kansas City, MO first for our next city “living” destination, but the analysis and coding framework allow anyone to have a “toolkit” to do the same comparison of other cities and other data points to start their adventure in exploring alternative places to live!**