In [52]:
```python
import pandas as pd
```

In [53]:
```python
import geopandas as gpd
```

In [59]:
```python
coffee = gpd.read_csv('yelp_coffee.csv')
```

```
---------------------------------------------------------------------------
AttributeError                            Traceback (most recent call last)
Cell In[59], line 1
----> 1 coffee = gpd.read_csv('yelp_coffee.csv')

AttributeError: module 'geopandas' has no attribute 'read_csv'
```

In [60]:
```python
coffee = pd.read_file('.csv')
```

```
---------------------------------------------------------------------------
AttributeError                            Traceback (most recent call last)
Cell In[60], line 1
----> 1 coffee = pd.read_file('yelp_coffee.csv')

File /opt/conda/lib/python3.10/site-packages/pandas/__init__.py:264, in __g
etattr__(name)
    260         from pandas.core.arrays.sparse import SparseArray as _SparseArr
ay
    262         return _SparseArray
--> 264     raise AttributeError(f"module 'pandas' has no attribute '{name}'")

AttributeError: module 'pandas' has no attribute 'read_file'
```

In [62]:
```python
coffee = pd.read_csv('yelp_coffee.csv')
```

In [63]:
```python
coffee.head
```

Out[63]: <bound method NDFrame.head of   Unnamed: 0
         alias \
         0   0   taliza-coffee-santa-fe-springs
         1   1   dapuri-malaysian-white-coffee-santa-fe-springs
         2   2   starbucks-santa-fe-springs-7
         3   4   the-greenhouse-santa-fe-springs
         4   7   starbucks-santa-fe-springs-4
         ...   .
         2106   4473   its-a-grind-coffee-house-lancaster
         2107   4474   tea-box-cafe-lancaster-3
         2108   4478   starbucks-lancaster-5
         2109   4479   the-brewing-grounds-lancaster-2
         2110   4480   starbucks-lancaster-17

                                                      categories \
         0   ['coffeeroasteries', 'coffee', 'breakfast_brun...
         1   ['coffee']
         2   ['coffee']
         3   ['coffee']
         4   ['coffee']
         ...   ...
         2106   ['coffee']
         2107   ['coffee', 'bubbletea', 'juicebars']
         2108   ['coffee']
         2109   ['coffee']
         2110   ['coffee']

                                  id \
         0   rs5eKXExQrwSvUJNi0A78g
         1   b2domRSPAeUIP9lEARAYMQ
         2   g2ldfV2yjU-Yd7r0H-Lh3g
         3   BimMFJr3R9_t3CKVLxDvwA
         4   dvGiSZlSLB40GfbbNQt0jg
         ...   ...
         2106   tnSfdqObeuYzf_8j-ukGhg
         2107   wkxPNPUKGu7e8dp6DD9mrQ
         2108   VLcDNzCUxijzbT-j9JvpOw
         2109   iLZ_R7xRSGHs1MbQMKSD1w
         2110   ZH3cCpUkQ2BVbHbbut7kjw

                                           image_url \
         0   https://s3-media4.fl.yelpcdn.com/bphoto/LCyCTi...
         1   https://s3-media1.fl.yelpcdn.com/bphoto/uPbQGL...
         2   https://s3-media2.fl.yelpcdn.com/bphoto/r6Ct_p...
         3   NaN
         4   https://s3-media1.fl.yelpcdn.com/bphoto/Y4Z_Z1...
         ...   ...
         2106   https://s3-media3.fl.yelpcdn.com/bphoto/3JwZPf...
         2107   https://s3-media2.fl.yelpcdn.com/bphoto/HYYQg-...
         2108   https://s3-media2.fl.yelpcdn.com/bphoto/rLSH9b...
         2109   https://s3-media2.fl.yelpcdn.com/bphoto/YGl4d5...
         2110   https://s3-media1.fl.yelpcdn.com/bphoto/EeesaK...

                                  name price   rating   review_count transaction
         s \
         0   Taliza Coffee $ 4.5   132

```
     []
     1          Dapuri Malaysian White Coffee      $        5.0                  1
     []
     2                               Starbucks     $$        2.5                 95
     []
     3                         The Greenhouse      NaN        2.0                  1
     []
     4                               Starbucks     $$        3.0                 71
     []
     ...                                   ...      ...       ...                ...
     ...
     2106      Its A Grind Coffee House      $        4.0                 53
     []
     2107                  Tea Box Cafe      $        4.5                120
     []
     2108                     Starbucks     $$        3.0                 75
     []
     2109          The Brewing Grounds     NaN        4.0                  9
     []
     2110                     Starbucks     $$        3.0                 27
     []

            ...        long        lat                              geometr
     y  \
     0     ... -118.049800  33.902936  POINT (-118.049799576402 33.902936364732
     6)
     1     ... -118.030580  33.885650                 POINT (-118.03058 33.8856
     5)
     2     ... -118.029368  33.887704                 POINT (-118.029368 33.88770
     4)
     3     ... -118.032532  33.885698  POINT (-118.03253200641 33.885698472487
     3)
     4     ... -118.049388  33.916618                 POINT (-118.049388 33.91661
     8)
     ...   ...         ...        ...
     ...
     2106  ... -118.095470  34.690320                 POINT (-118.09547 34.6903
     2)
     2107  ... -118.097330  34.688379                 POINT (-118.09733 34.68837
     9)
     2108  ... -118.165037  34.704365                 POINT (-118.165037 34.70436
     5)
     2109  ... -118.142274  34.697596  POINT (-118.142273760434 34.697595996783
     9)
     2110  ... -118.146025  34.697570                 POINT (-118.146025 34.6975
     7)

            neighbourhood price_int  chain              store_add1 store_add
     2  \
     0     Santa Fe Springs      1.0  False       13217 Rosecrans Ave         Na
     N
     1     Santa Fe Springs      1.0  False          14111 Freeway Dr    Ste 30
     0
     2     Santa Fe Springs      2.0   True  15905 Valley View Avenue         Na
     N
     3     Santa Fe Springs      NaN  False       14050 Firestone Blvd         Na
```

```
N
4       Santa Fe Springs        2.0   True      13248 Imperial Highway          Na
N
...                 ...         ...   ...                             ...
...
2106         Lancaster          1.0  False              44421 20th St E          Na
N
2107         Lancaster          1.0  False               1798 E Ave J            Na
N
2108         Lancaster          2.0   True             1845 W. Avenue I          Na
N
2109         Lancaster          NaN  False          706 W Lancaster Blvd     Ste 10
1
2110         Lancaster          2.0   True          843 W. Lancaster Blvd        Na
N

      store_add3 store_zip_code
0           NaN         90670.0
1           NaN         90670.0
2           NaN         90670.0
3           NaN         90670.0
4           NaN         90670.0
...         ...             ...
2106        NaN         93535.0
2107        NaN         93535.0
2108        NaN         93534.0
2109        NaN         93534.0
2110        NaN         93534.0

[2111 rows x 21 columns]>
```

In [64]: `coffee.tail(3)`

Out[64]:

	Unnamed: 0	alias	categories	id	
2108	4478	starbucks-lancaster-5	['coffee']	VLcDNzCUxijzbT-j9JvpOw	media2.fl.yelpcdn.com/bph
2109	4479	the-brewing-grounds-lancaster-2	['coffee']	iLZ_R7xRSGHs1MbQMKSD1w	media2.fl.yelpcdn.com/bph
2110	4480	starbucks-lancaster-17	['coffee']	ZH3cCpUkQ2BVbHbbut7kjw	media1.fl.yelpcdn.com/bph

3 rows × 21 columns

In [65]: `coffee.info`

```
Out[65]: <bound method DataFrame.info of        Unnamed: 0
         alias  \
         0              0                       taliza-coffee-santa-fe-springs
         1              1      dapuri-malaysian-white-coffee-santa-fe-springs
         2              2                            starbucks-santa-fe-springs-7
         3              4                       the-greenhouse-santa-fe-springs
         4              7                            starbucks-santa-fe-springs-4
         ...          ...                                                   ...
         2106        4473                  its-a-grind-coffee-house-lancaster
         2107        4474                           tea-box-cafe-lancaster-3
         2108        4478                               starbucks-lancaster-5
         2109        4479                     the-brewing-grounds-lancaster-2
         2110        4480                             starbucks-lancaster-17

                                                    categories  \
         0        ['coffeeroasteries', 'coffee', 'breakfast_brun...
         1                                              ['coffee']
         2                                              ['coffee']
         3                                              ['coffee']
         4                                              ['coffee']
         ...                                                   ...
         2106                                           ['coffee']
         2107                    ['coffee', 'bubbletea', 'juicebars']
         2108                                           ['coffee']
         2109                                           ['coffee']
         2110                                           ['coffee']

                                id  \
         0        rs5eKXExQrwSvUJNi0A78g
         1        b2domRSPAeUIP9lEARAYMQ
         2        g2ldfV2yjU-Yd7r0H-Lh3g
         3        BimMFJr3R9_t3CKVLxDvwA
         4        dvGiSZlSLB40GfbbNQt0jg
         ...                       ...
         2106     tnSfdqObeuYzf_8j-ukGhg
         2107     wkxPNPUKGu7e8dp6DD9mrQ
         2108     VLcDNzCUxijzbT-j9JvpOw
         2109     iLZ_R7xRSGHs1MbQMKSD1w
         2110     ZH3cCpUkQ2BVbHbbut7kjw

                                          image_url  \
         0        https://s3-media4.fl.yelpcdn.com/bphoto/LCyCTi...
         1        https://s3-media1.fl.yelpcdn.com/bphoto/uPbQGL...
         2        https://s3-media2.fl.yelpcdn.com/bphoto/r6Ct_p...
         3                                                      NaN
         4        https://s3-media1.fl.yelpcdn.com/bphoto/Y4Z_Z1...
         ...                                                    ...
         2106     https://s3-media3.fl.yelpcdn.com/bphoto/3JwZPf...
         2107     https://s3-media2.fl.yelpcdn.com/bphoto/HYYQg-...
         2108     https://s3-media2.fl.yelpcdn.com/bphoto/rLSH9b...
         2109     https://s3-media2.fl.yelpcdn.com/bphoto/YGl4d5...
         2110     https://s3-media1.fl.yelpcdn.com/bphoto/EeesaK...

                                  name price   rating  review_count transaction
         s  \
         0              Taliza Coffee     $     4.5            132
```

```
                                                            []
1       Dapuri Malaysian White Coffee      $       5.0              1
                                                            []
2                           Starbucks     $$       2.5             95
                                                            []
3                       The Greenhouse    NaN       2.0              1
                                                            []
4                           Starbucks     $$       3.0             71
                                                            []
...                                ...    ...       ...            ...
...
2106       Its A Grind Coffee House       $       4.0             53
                                                            []
2107               Tea Box Cafe           $       4.5            120
                                                            []
2108                    Starbucks        $$       3.0             75
                                                            []
2109           The Brewing Grounds       NaN       4.0              9
                                                            []
2110                    Starbucks        $$       3.0             27
                                                            []

          ...          long         lat                              geometr
y  \
0         ... -118.049800   33.902936   POINT (-118.049799576402 33.902936364732
6)
1         ... -118.030580   33.885650                 POINT (-118.03058 33.8856
5)
2         ... -118.029368   33.887704                 POINT (-118.029368 33.88770
4)
3         ... -118.032532   33.885698   POINT (-118.03253200641 33.885698472487
3)
4         ... -118.049388   33.916618                 POINT (-118.049388 33.91661
8)
...       ...          ...         ...
...
2106      ... -118.095470   34.690320                 POINT (-118.09547 34.6903
2)
2107      ... -118.097330   34.688379                 POINT (-118.09733 34.68837
9)
2108      ... -118.165037   34.704365                 POINT (-118.165037 34.70436
5)
2109      ... -118.142274   34.697596   POINT (-118.142273760434 34.697595996783
9)
2110      ... -118.146025   34.697570                 POINT (-118.146025 34.6975
7)

          neighbourhood price_int  chain                 store_add1 store_add
2  \
0     Santa Fe Springs       1.0  False       13217 Rosecrans Ave         Na
N
1     Santa Fe Springs       1.0  False         14111 Freeway Dr     Ste 30
0
2     Santa Fe Springs       2.0   True  15905 Valley View Avenue         Na
N
3     Santa Fe Springs       NaN  False       14050 Firestone Blvd         Na
```

```
       N
       4      Santa Fe Springs     2.0   True      13248 Imperial Highway       Na
       N
       ...              ...         ...   ...                            ...
       ...
       2106        Lancaster        1.0  False          44421 20th St E         Na
       N
       2107        Lancaster        1.0  False            1798 E Ave J          Na
       N
       2108        Lancaster        2.0   True           1845 W. Avenue I       Na
       N
       2109        Lancaster        NaN  False      706 W Lancaster Blvd     Ste 10
       1
       2110        Lancaster        2.0   True      843 W. Lancaster Blvd       Na
       N

            store_add3 store_zip_code
       0          NaN        90670.0
       1          NaN        90670.0
       2          NaN        90670.0
       3          NaN        90670.0
       4          NaN        90670.0
       ...        ...            ...
       2106       NaN        93535.0
       2107       NaN        93535.0
       2108       NaN        93534.0
       2109       NaN        93534.0
       2110       NaN        93534.0

       [2111 rows x 21 columns]>
```

In [66]: `coffee.columns.to_list()`

Out[66]:
```
['Unnamed: 0',
 'alias',
 'categories',
 'id',
 'image_url',
 'name',
 'price',
 'rating',
 'review_count',
 'transactions',
 'url',
 'long',
 'lat',
 'geometry',
 'neighbourhood',
 'price_int',
 'chain',
 'store_add1',
 'store_add2',
 'store_add3',
 'store_zip_code']
```

In [67]:
```
desiredcolumns = ['name', 'geometry', 'long', 'lat', 'neighborhood', 'chain'
                  'store_zip_code']
```

In [68]:
```
desiredcolumns.head
```

```
---------------------------------------------------------------------------
AttributeError                            Traceback (most recent call last)
Cell In[68], line 1
----> 1 desiredcolumns.head

AttributeError: 'list' object has no attribute 'head'
```

In [69]:
```
coffee[['name', 'geometry', 'long', 'lat', 'chain',
        'store_zip_code','neighbourhood']]
```

Out[69]:

	name	geometry	long	lat	chain	store_zip_code	neig
0	Taliza Coffee	POINT (-118.049799576402 33.9029363647326)	-118.049800	33.902936	False	90670.0	
1	Dapuri Malaysian White Coffee	POINT (-118.03058 33.88565)	-118.030580	33.885650	False	90670.0	
2	Starbucks	POINT (-118.029368 33.887704)	-118.029368	33.887704	True	90670.0	
3	The Greenhouse	POINT (-118.03253200641 33.8856984724873)	-118.032532	33.885698	False	90670.0	
4	Starbucks	POINT (-118.049388 33.916618)	-118.049388	33.916618	True	90670.0	
...	...	...	...	...	...	...	
2106	Its A Grind Coffee House	POINT (-118.09547 34.69032)	-118.095470	34.690320	False	93535.0	
2107	Tea Box Cafe	POINT (-118.09733 34.688379)	-118.097330	34.688379	False	93535.0	
2108	Starbucks	POINT (-118.165037 34.704365)	-118.165037	34.704365	True	93534.0	
2109	The Brewing Grounds	POINT (-118.142273760434 34.6975959967839)	-118.142274	34.697596	False	93534.0	
2110	Starbucks	POINT (-118.146025 34.69757)	-118.146025	34.697570	True	93534.0	

2111 rows × 7 columns

In [70]:
```
desired_columns = ['name', 'geometry', 'long', 'lat', 'chain',
                   'store_zip_code','neighbourhood']
```

In [71]: `coffee[desired_columns].sample(5)`

Out[71]:

	name	geometry	long	lat	chain	store_zip_code	neighb
861	Starbucks	POINT (-118.256942 34.051537)	-118.256942	34.051537	True	90071.0	D
1776	Starbucks	POINT (-118.322024 34.167987)	-118.322024	34.167987	True	91506.0	
932	Starbucks	POINT (-117.760768 34.02839)	-117.760768	34.028390	True	91766.0	
1740	Nesmon Caf√É¬©	POINT (-118.4235992 34.1470604)	-118.423599	34.147060	False	91423.0	Sherm
155	Nitro Cafe	POINT (-118.392439708114 33.9009564242229)	-118.392440	33.900956	False	90266.0	M

In [72]: `coffee_subset = coffee[desired_columns].copy()`

In [73]: `coffee_subset.columns.to_list()`

Out[73]: `['name', 'geometry', 'long', 'lat', 'chain', 'store_zip_code', 'neighbourho od']`

In [74]: `coffee_subset.shape`

Out[74]: `(2111, 7)`

In [75]: `coffee_subset.plot()`

Out[75]: `<AxesSubplot: >`
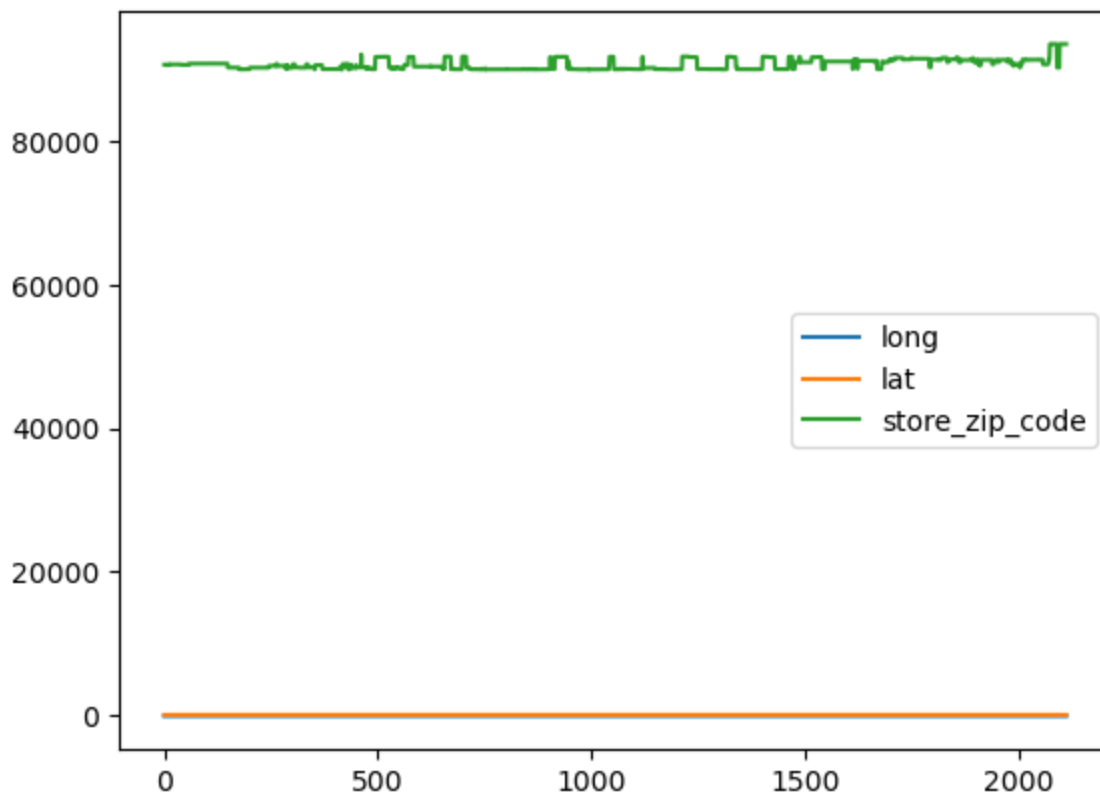
```
In [76]:  import geopandas as gpd
```

```
In [77]:  import folium
```

```
In [78]:  m = folium.Map()
```

```
In [79]:  m
```

Out[79]: Make this Notebook Trusted to load map: File -> Trust Notebook

```
In [80]: latm = coffee_subset.lat.mean()
```

```
In [81]: latm
```

```
Out[81]: 34.056329098086216
```

```
In [82]: longm = coffee_subset.long.mean()
```

```
In [83]: longm
```

```
Out[83]: -118.27337457797252
```

```
In [84]: m = folium.Map(location=[latm,longm])
         m
```

Out[84]: Make this Notebook Trusted to load map: File -> Trust Notebook

```
In [85]: geo_coffee = gpd.GeoDataFrame(
             coffee_subset)
```

```
In [86]: geo_coffee
```

Out[86]:

	name	geometry	long	lat	chain	store_zip_code	neig
0	Taliza Coffee	POINT (-118.049799576402 33.9029363647326)	-118.049800	33.902936	False	90670.0	
1	Dapuri Malaysian White Coffee	POINT (-118.03058 33.88565)	-118.030580	33.885650	False	90670.0	
2	Starbucks	POINT (-118.029368 33.887704)	-118.029368	33.887704	True	90670.0	
3	The Greenhouse	POINT (-118.03253200641 33.8856984724873)	-118.032532	33.885698	False	90670.0	
4	Starbucks	POINT (-118.049388 33.916618)	-118.049388	33.916618	True	90670.0	
...	...	...	...	...	...	...	
2106	Its A Grind Coffee House	POINT (-118.09547 34.69032)	-118.095470	34.690320	False	93535.0	
2107	Tea Box Cafe	POINT (-118.09733 34.688379)	-118.097330	34.688379	False	93535.0	
2108	Starbucks	POINT (-118.165037 34.704365)	-118.165037	34.704365	True	93534.0	
2109	The Brewing Grounds	POINT (-118.142273760434 34.6975959967839)	-118.142274	34.697596	False	93534.0	
2110	Starbucks	POINT (-118.146025 34.69757)	-118.146025	34.697570	True	93534.0	

2111 rows × 7 columns

In [87]: m

Out[87]: Make this Notebook Trusted to load map: File -> Trust Notebook

In [88]:
```
g
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
Cell In[88], line 1
----> 1 g

NameError: name 'g' is not defined
```

In [89]:
```
gdf = gpd.GeoDataFrame(
    coffee_subset, geometry = gpd.points_from_xy(coffee_subset.long,coffee_s
#crs command allows you to project data points on an interactive map. 4326 i
# ax is the plot
```

In [90]:
```
import contextily as cx
```

In [91]:
```
cx.providers
```

`Out[91]:` xyzservices.Bunch   39 items

       ►OpenStreetMap   xyzservices.Bunch

       ►MapTilesAPI   xyzservices.Bunch

       ►OpenSeaMap   xyzservices.TileProvider

       ►OPNVKarte   xyzservices.TileProvider

       ►OpenTopoMap   xyzservices.TileProvider

       ►OpenRailwayMap   xyzservices.TileProvider

       ►OpenFireMap   xyzservices.TileProvider

       ►SafeCast   xyzservices.TileProvider

       ►Stadia   xyzservices.Bunch

       ►Thunderforest   xyzservices.Bunch

       ►CyclOSM   xyzservices.TileProvider

       ►Jawg   xyzservices.Bunch

       ►MapBox   xyzservices.TileProvider

       ►MapTiler   xyzservices.Bunch

       ►Stamen   xyzservices.Bunch

       ►TomTom   xyzservices.Bunch

       ►Esri   xyzservices.Bunch

       ►OpenWeatherMap   xyzservices.Bunch

       ►HERE   xyzservices.Bunch

       ►HEREv3   xyzservices.Bunch

       ►FreeMapSK   xyzservices.TileProvider

       ►MtbMap   xyzservices.TileProvider

       ►CartoDB   xyzservices.Bunch

       ►HikeBike   xyzservices.Bunch

       ►BasemapAT   xyzservices.Bunch

       ►nlmaps   xyzservices.Bunch

       ►NASAGIBS   xyzservices.Bunch

       ►NLS   xyzservices.TileProvider

       ►JusticeMap   xyzservices.Bunch

       ►GeoportailFrance   xyzservices.Bunch

       ►OneMapSG   xyzservices.Bunch

       ►USGS   xyzservices.Bunch

       ►WaymarkedTrails   xyzservices.Bunch

       ►OpenAIP   xyzservices.TileProvider

       ►OpenSnowMap   xyzservices.Bunch

       ►AzureMaps   xyzservices.Bunch

       ►SwissFederalGeoportal   xyzservices.Bunch

       ►Gaode   xyzservices.Bunch

       ►Strava   xyzservices.Bunch

```
coffee_subset.plot(ax = world.plot(figsize = (10,10)), color = 'red', markersize = 10)
```

In [97]:
```python
ax = gdf.plot(figsize = (10,10), color = 'red', markersize = 1.5)
cx.add_basemap(ax, crs=gdf.crs.to_string(),source=cx.providers.CartoDB.Voyag
```
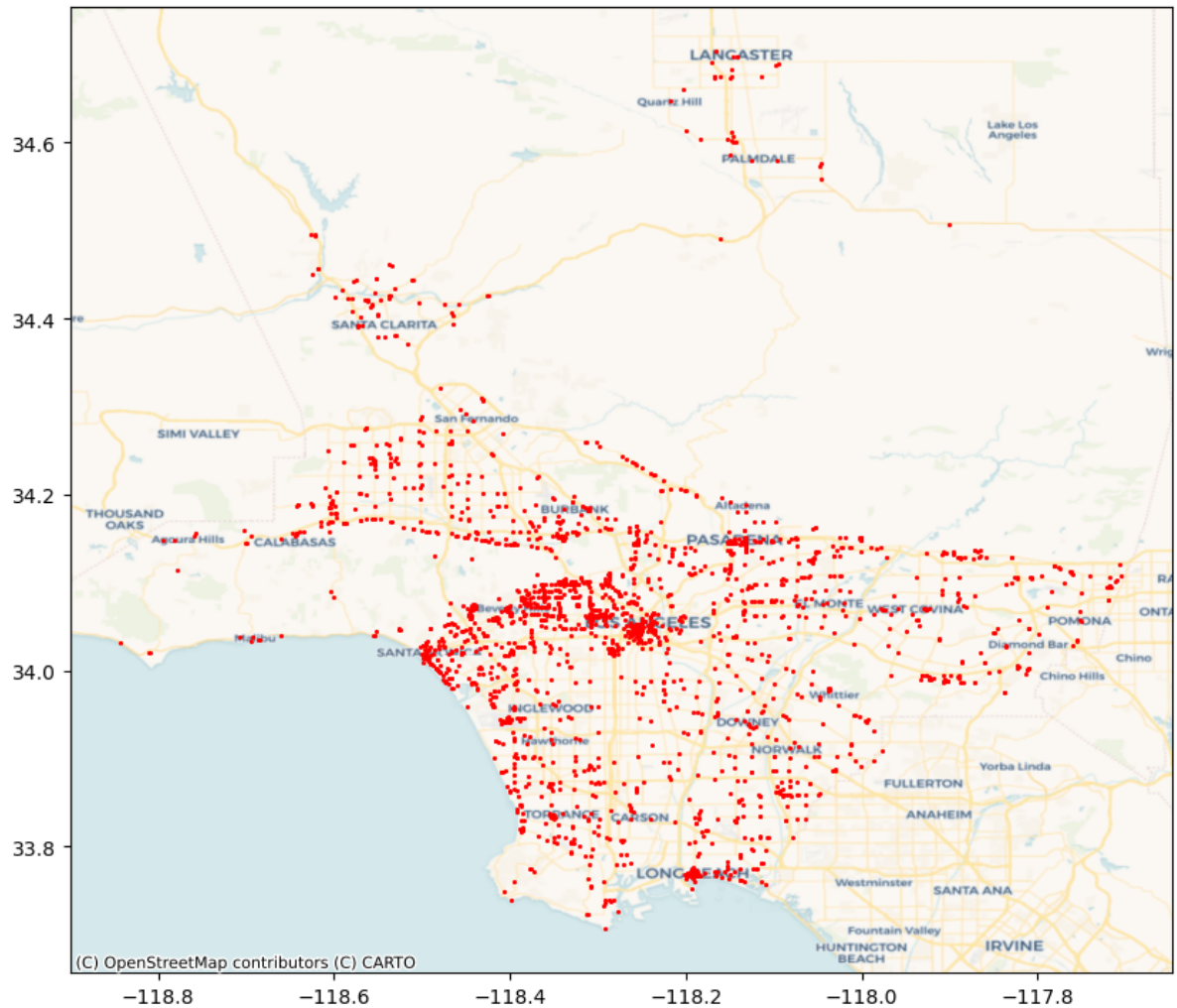

In [93]:
```python
gdf.head()
```

Out[93]:

	name	geometry	long	lat	chain	store_zip_code	neighbourhood
0	Taliza Coffee	POINT (-118.04980 33.90294)	-118.049800	33.902936	False	90670.0	Santa Fe Springs
1	Dapuri Malaysian White Coffee	POINT (-118.03058 33.88565)	-118.030580	33.885650	False	90670.0	Santa Fe Springs
2	Starbucks	POINT (-118.02937 33.88770)	-118.029368	33.887704	True	90670.0	Santa Fe Springs
3	The Greenhouse	POINT (-118.03253 33.88570)	-118.032532	33.885698	False	90670.0	Santa Fe Springs
4	Starbucks	POINT (-118.04939 33.91662)	-118.049388	33.916618	True	90670.0	Santa Fe Springs

In [94]:
```python
gdf.sample
```

```
Out[94]:  <bound method NDFrame.sample of                                     name
          geometry          long  \
          0                      Taliza Coffee   POINT (-118.04980 33.90294) -118.04980
          0
          1     Dapuri Malaysian White Coffee   POINT (-118.03058 33.88565) -118.03058
          0
          2                          Starbucks   POINT (-118.02937 33.88770) -118.02936
          8
          3                     The Greenhouse   POINT (-118.03253 33.88570) -118.03253
          2
          4                          Starbucks   POINT (-118.04939 33.91662) -118.04938
          8
          ...                              ...                           ...
          ...
          2106       Its A Grind Coffee House   POINT (-118.09547 34.69032) -118.09547
          0
          2107                   Tea Box Cafe   POINT (-118.09733 34.68838) -118.09733
          0
          2108                      Starbucks   POINT (-118.16504 34.70437) -118.16503
          7
          2109            The Brewing Grounds   POINT (-118.14227 34.69760) -118.14227
          4
          2110                      Starbucks   POINT (-118.14602 34.69757) -118.14602
          5

                   lat   chain   store_zip_code    neighbourhood
          0    33.902936   False           90670.0  Santa Fe Springs
          1    33.885650   False           90670.0  Santa Fe Springs
          2    33.887704    True           90670.0  Santa Fe Springs
          3    33.885698   False           90670.0  Santa Fe Springs
          4    33.916618    True           90670.0  Santa Fe Springs
          ...        ...     ...             ...               ...
          2106 34.690320   False           93535.0         Lancaster
          2107 34.688379   False           93535.0         Lancaster
          2108 34.704365    True           93534.0         Lancaster
          2109 34.697596   False           93534.0         Lancaster
          2110 34.697570    True           93534.0         Lancaster

          [2111 rows x 7 columns]>
```

In [98]:
```python
import nbconvert as nb
```

In [101…
```python
import pandoc as pd
```

```
---------------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
Cell In[101], line 1
----> 1 import pandoc as pd

ModuleNotFoundError: No module named 'pandoc'
```

In [100…
```
$ jupyter nbconvert --to pdf notebook.ipynb
```

```
  Cell In[100], line 1
    $ jupyter nbconvert --to pdf notebook.ipynb
    ^
SyntaxError: invalid syntax
```

In [ ]: