Restaurant_Data_Analysis

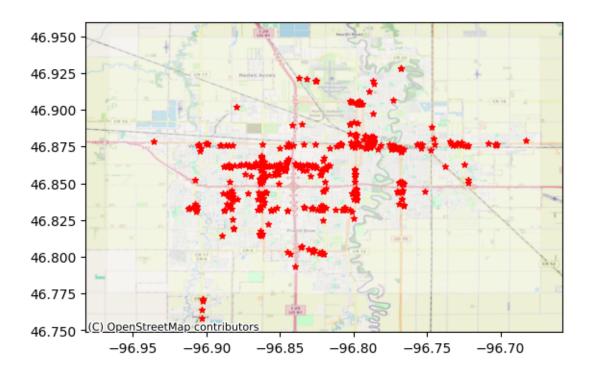
December 13, 2023

A Restaurant report of Fargo, ND

```
[3]:
                               name
                                     review_count
                                                   rating
                                                                transactions price
     0
                  Spaghetti Western
                                               19
                                                       5.0
                                                                         NaN
                                                                                $$
     1
                          Brewhalla
                                               17
                                                      4.5
                                                                         NaN
                                                                               NaN
     2
                          Brew Bird
                                              123
                                                      4.5
                                                                                $$
                                                                      pickup
     3
                          Mezzaluna
                                              361
                                                       4.5
                                                                    delivery
                                                                               $$$
      Porter Creek Hardwood Grill
                                              169
                                                       4.0
                                                           pickup, delivery
                                                                                $$
                                                           display_address \
               phone
                       display_phone
      1.701532e+10
                      (701) 532-4699
                                          524 Broadway N, Fargo, ND 58102
     1 1.701532e+10 (701) 532-0506
                                          1702 1st Ave N, Fargo, ND 58102
     2 1.701205e+10
                     (701) 205-0238
                                      30 N University Dr, Fargo, ND 58102
     3 1.701365e+10 (701) 364-9479
                                        309 Roberts St N, Fargo, ND 58102
     4 1.701369e+10 (701) 369-3669
                                          1555 44th St S, Fargo, ND 58103
         latitude longitude
                                 foodtype
     0 46.881840 -96.787950
                                  italian
     1 46.876509 -96.808752
                                   hotels
     2 46.877202 -96.798648
                              newamerican
     3 46.879410 -96.788710
                              newamerican
     4 46.857563 -96.860969
                              newamerican
```

Warning 1: +init=epsg:XXXX syntax is deprecated. It might return a CRS with a non-EPSG compliant axis order.

Total Number of Restaurants in Fargo: 495



Top Ten highest rated restaurants in Fargo:

[5]:				name	revie	w_count	rating	transactions	\
	42		GP's	Greek Kitchen		103	5.0	delivery	•
	57		M	adina Cuisine		56	5.0	delivery	
	30			ThaiKota	•	41	5.0	delivery	
	146			Tea and Crepe		28	5.0	pickup, delivery	
	78			Newroz Kebab		22	5.0	pickup, delivery	
	124		Mehl's Glute	n-Free Bakery		21	5.0	NaN	ſ
	0		Spag	hetti Western		19	5.0	NaN	ſ
	51		Tati's Mediter	ranean Saveur		9	5.0	pickup, delivery	
	8	Soho2	3 Korean & Jap	anese Cuisine		8	5.0	NaN	ſ
	219		Hi-Ho Bu	rgers & Brews		8	5.0	delivery	•
		price	phone	display_pho					
	42	\$\$	1.701640e+10	(701) 639-72	32				
	57	\$	1.701235e+10	(701) 235-05	04				
	30	NaN	1.701212e+10	(701) 212-48	51				
	146	NaN	1.701541e+10	(701) 540-67	37				
	78	NaN	1.218228e+10	(218) 227-50	19				
	124	\$\$	1.701205e+10	(701) 205-41	74				
	0	\$\$	1.701532e+10	(701) 532-46	99				
	51	NaN	1.701532e+10	(701) 532-45	45				
	8	NaN	1.701237e+10	(701) 237-07	79				
	219	\$	1.218287e+10	(218) 287-29	75				

```
display_address
                                                          latitude longitude
42
          2553 Kirsten Ln S, Ste 206, Fargo, ND 58104
                                                         46.832010 -96.821465
                     2225 13th Ave S, Fargo, ND 58103
57
                                                         46.862019 -96.817610
30
                      1201 1st Ave N, Fargo, ND 58102
                                                         46.877716 -96.797468
146
                       72 Broadway N, Fargo, ND 58102
                                                         46.876738 -96.787950
78
                    2501 8th St S, Moorhead, MN 56560
                                                         46.850661 -96.768806
               1404 33rd St S, Ste H, Fargo, ND 58103
124
                                                         46.858765 -96.831940
0
                      524 Broadway N, Fargo, ND 58102
                                                         46.881840 -96.787950
51
      3150 Sheyenne St, Ste 170, West Fargo, ND 58078
                                                         46.834110 -96.906160
8
                      1450 25th St S, Fargo, ND 58103
                                                         46.859594 -96.818424
219
                  10 Center Ave E, Dilworth, MN 56529
                                                         46.876820 -96.702270
     foodtype
42
        greek
57
      african
30
          thai
146
     icecream
78
        kebab
124
     cupcakes
0
      italian
51
     lebanese
8
      japanese
219
      burgers
Top Ten lowest rated restaurants in Fargo:
                                 name
                                       review_count
                                                     rating
                                                                  transactions
357
                            New Gyro
                                                  2
                                                         1.0
                                                              pickup, delivery
```

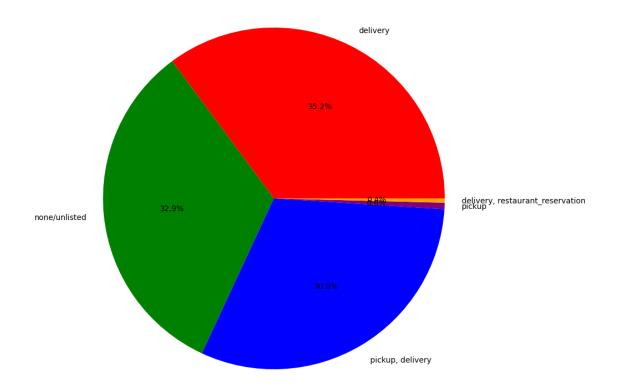
```
[6]:
     430
                                     Subway
                                                          2
                                                                 1.0
                                                                                    NaN
     478
                                    Casey's
                                                          2
                                                                1.0
                                                                               delivery
     116
                                                          1
                                                                                    NaN
               Hen House Bar & Restaurant
                                                                1.0
     224
                             Fargo Fillies
                                                          1
                                                                1.0
                                                                                    NaN
     337
                                   Sbc Deli
                                                          1
                                                                1.0
                                                                                    NaN
     389
          Red River Lanes Bowling Center
                                                          1
                                                                 1.0
                                                                                    NaN
     406
                                                          1
                                    Casey's
                                                                1.0
                                                                               delivery
     489
                          Papa Johns Pizza
                                                          1
                                                                1.0
                                                                      pickup, delivery
     490
                                     Subway
                                                          1
                                                                1.0
                                                                               delivery
         price
                                  display_phone
                         phone
                                 (701) 277-5099
     357
                 1.701278e+10
           NaN
              $
     430
                 1.701356e+10
                                 (701) 356-0920
     478
           NaN
                 1.701277e+10
                                 (701) 277-4389
     116
           NaN
                 1.218359e+10
                                 (218) 359-0744
     224
           NaN
                 1.218443e+10
                                 (218) 443-2433
     337
           NaN
                 1.701373e+10
                                 (701) 373-0028
     389
           NaN
                 1.701235e+10
                                 (701) 235-1171
```

```
406
      NaN 1.701281e+10 (701) 281-3091
489
        $ 1.701238e+10 (701) 237-9999
490
        $ 1.218234e+10
                         (218) 233-5972
                                 display_address
                                                  latitude longitude \
          855 45th St S, Ste A2, Fargo, ND 58103
357
                                                   46.867755 -96.862778
430
                3757 55th Ave S, Fargo, ND 58104
                                                   46.802265 -96.842661
                 4405 45th St S, Fargo, ND 58104
478
                                                   46.814130 -96.862301
     935 37th Ave S, Ste 136, Moorhead, MN 56560
                                                   46.834867 -96.765543
116
224
                                 Fargo, ND 58103
                                                   46.858734 -96.821808
                  122 23rd St S, Fargo, ND 58103
337
                                                   46.874146 -96.816124
389
                 707 28th Ave N, Fargo, ND 58102
                                                   46.912524 -96.789123
                  204 42nd St S, Fargo, ND 58103
406
                                                   46.873894 -96.850059
489
        1100 19th Ave N, Unit N, Fargo, ND 58102
                                                   46.904156 -96.795388
490
               201 34th St N, Moorhead, MN 56560
                                                   46.877612 -96.726425
       foodtype
357
    food_court
430
     sandwiches
478
          pizza
116
    sandwiches
224
     foodtrucks
337
          delis
389
        bowling
406
          pizza
489
          pizza
```

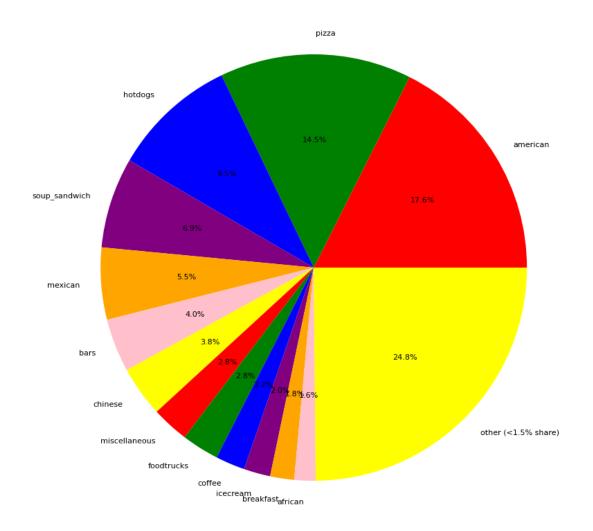
490

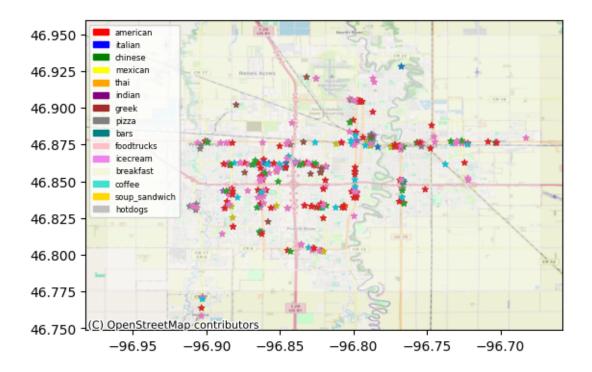
sandwiches

Transaction Types for Restaurants in Fargo



Restaurants Food Types in Fargo



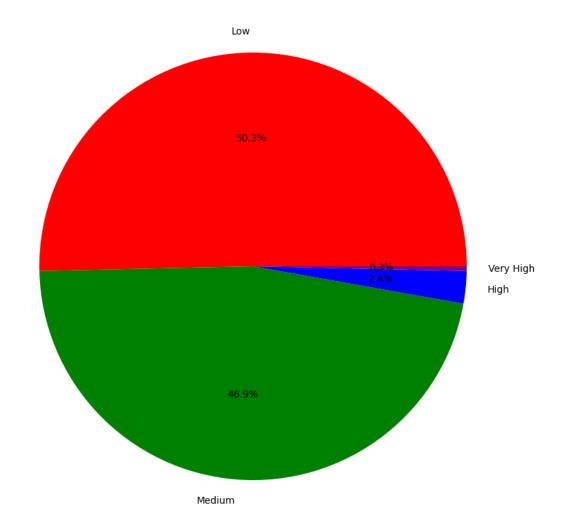


[11]: Low 144
 Medium 134
 High 7
 Very High 1

Name: price_val, dtype: int64

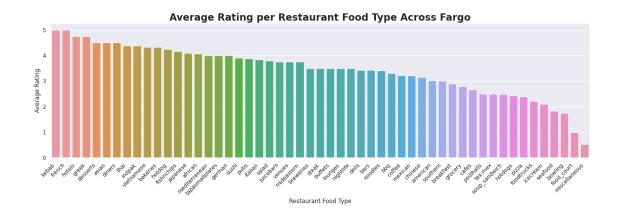
Note: This chart doesn't include restaurants where the price wasn't listed

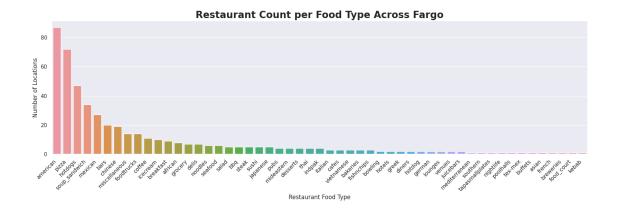
Listed Restaurants Prices in Fargo

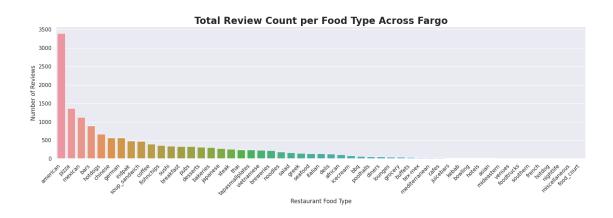


	rating	review_count	restaurant_count
kebab	5.000000	22	1
french	5.000000	4	1
hotels	4.750000	18	2
greek	4.750000	153	2
desserts	4.500000	314	4
asian	4.500000	18	1
diners	4.500000	55	2
thai	4.375000	244	4
indpak	4.375000	483	4
vietnamese	4.333333	235	3
bakeries	4.333333	311	3
hotdog	4.250000	3	2

fishnchips	4.166667	361	3
japanese	4.100000	283	5
african	4.062500	116	8
${\tt mediterranean}$	4.000000	34	1
tapasmallplates	4.000000	241	1
german	4.000000	572	2
sushi	3.900000	347	5
pubs	3.875000	334	4
italian	3.833333	138	3
salad	3.800000	172	5
juicebars	3.750000	24	2
venues	3.750000	12	2
mideastern	3.750000	15	4
breweries	3.500000	222	1
steak	3.500000	259	5
buffets	3.500000	40	1
lounges	3.500000	51	2
nightlife	3.500000	3	1
delis	3.428571	132	7
bars	3.425000	893	20
noodles	3.416667	187	6
bbq	3.300000	69	5
coffee	3.227273	399	11
mexican	3.203704	1123	27
chinese	3.157895	573	19
american	3.022989	3402	87
southern	3.000000	6	1
breakfast	2.888889	335	9
grocery	2.785714	48	7
cafes	2.666667	29	3
poolhalls	2.500000	60	1
tex-mex	2.500000	35	1
${\tt soup_sandwich}$	2.485294	479	34
hotdogs	2.436170	670	47
pizza	2.388889	1365	72
foodtrucks	2.214286	10	14
icecream	2.100000	88	10
seafood	1.833333	139	6
bowling	1.750000	22	2
food_court	1.000000	2	1
miscellaneous	0.535714	3	14







Top Ten most expensive restaurants in Fargo:

[18]:	name	review_count	rating	\
293	Papa Murphy's	7	3.5	
60	Urban 42	37	3.0	

```
31
      Maxwells Restaurant & Bar
                                            125
                                                     4.5
354
             Hornbacher's Foods
                                                     3.0
                                              6
                                                     4.5
15
        Rustica Eatery & Tavern
                                            162
     O'kelly's Tastes & Toddies
                                                     3.0
185
                                              8
3
                       Mezzaluna
                                                     4.5
                                            361
                 Cork 'N Cleaver
                                                     3.0
88
                                             60
                  Deaner's Diner
                                                     4.5
53
                                             43
                    Mahana Fresh
83
                                             12
                                                     4.0
                          transactions price
                                                               display_phone
                                                       phone
293
                         none/unlisted $$$$
                                               1.701366e+10
                                                              (701) 365-8282
60
                                pickup
                                          $$$
                                               1.701282e+10
                                                              (701) 281-7105
31
                              delivery
                                          $$$
                                               1.701278e+10
                                                              (701) 277-9463
354
                         none/unlisted
                                          $$$
                                               1.701280e+10
                                                              (701) 280-1999
                                          $$$
                                               1.218228e+10
                                                              (218) 227-5388
15
     delivery, restaurant_reservation
185
                              delivery
                                          $$$
                                               1.701277e+10
                                                              (701) 277-1880
3
                                          $$$
                                                              (701) 364-9479
                              delivery
                                               1.701365e+10
88
                                          $$$
                                               1.701238e+10
                                                              (701) 237-6790
                              delivery
53
                              delivery
                                           $$
                                               1.701278e+10
                                                              (701) 277-7062
83
                      pickup, delivery
                                           $$
                                               1.701532e+10
                                                              (701) 532-1172
                                         display_address
                                                            latitude longitude \
293
     4501 15th Avenue South, Suite 111, Fargo, ND 5...
                                                         46.858880 -96.863200
60
                        1635 42nd St S, Fargo, ND 58103
                                                           46.856350 -96.852390
31
                    1380 9th St E, West Fargo, ND 58078
                                                           46.860901 -96.883655
354
                1532 32nd Ave S, Ste 3, Fargo, ND 58103
                                                           46.832104 -96.802655
                       315 Main Ave, Moorhead, MN 56560
15
                                                           46.873564 -96.774261
185
                         3800 Main Ave, Fargo, ND 58103
                                                           46.874910 -96.842810
3
                      309 Roberts St N, Fargo, ND 58102
                                                           46.879410 -96.788710
                  3301 S University Dr, Fargo, ND 58104
88
                                                           46.830587 -96.801064
53
              405 Main Ave W, 5E, West Fargo, ND 58078
                                                           46.876051 -96.905845
                3985 56th St S, Unit F, Fargo, ND 58104
83
                                                           46.819381 -96.881763
          foodtype
                     price_val
293
             pizza
                     Very High
60
          american
                          High
31
          american
                          High
354
                          High
           grocery
15
     soup sandwich
                          High
185
              bars
                          High
3
          american
                          High
88
             steak
                          High
53
          american
                        Medium
83
          american
                        Medium
```