ANALYZING CHICAGO CENSUS DATA

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Data Base: Chicago Census Data

Table name: censorreport ☐ WITHOUT ROWID

	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Default value
1	Community_area_no	INTEGER					✓		*NULL*
2	Community_area_Name	VARCHAR (...							*NULL*
3	Percent_of_Housing_Crowded	FLOAT							*NULL*
4	Percent_of_households_below_poverty	FLOAT							*NULL*
5	Percent_aged_above_sixteen_unemployed	FLOAT							*NULL*
6	Percent_Aged_above_twentyfive_without_high_school_diploma	FLOAT							*NULL*
7	Percent_Aged_under_eighteen_or_after_sixtyfour	FLOAT							*NULL*
8	Per_Capita_income	INTEGER							*NULL*
9	Hardship_Index	INTEGER							*NULL*

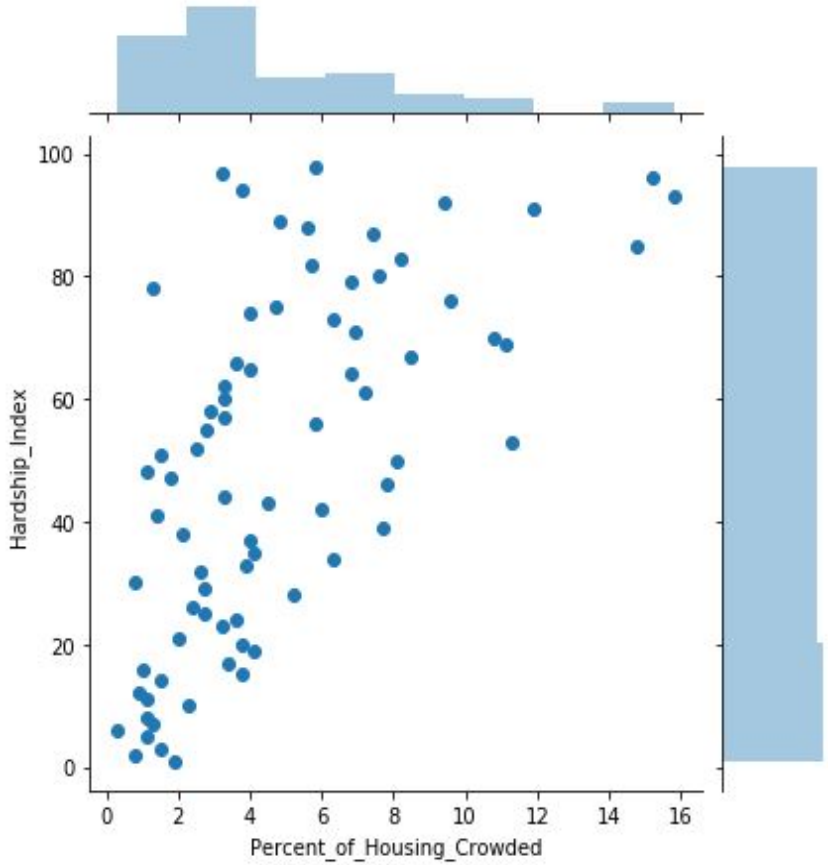
	Community	Community_area_Name	Percent_of	Percent_of	Percent_ac	Percent_Ac	Percent_Ac	Per_Capita	Hardship_I
1	1	Rogers Park	7.7	23.6	8.7	18.2	27.5	23939	39
2	2	West Ridge	7.8	17.2	8.8	20.8	38.5	23040	46
3	3	Uptown	3.8	24	8.9	11.8	22.2	35787	20
4	4	Lincoln Square	3.4	10.9	8.2	13.4	25.5	37524	17
5	5	North Center	0.3	7.5	5.2	4.5	26.2	57123	6
6	6	Lake View	1.1	11.4	4.7	2.6	17	60058	5
7	7	Lincoln Park	0.8	12.3	5.1	3.6	21.5	71551	2
8	8	Near North Side	1.9	12.9	7	2.5	22.6	88669	1
9	9	Edison Park	1.1	3.3	6.5	7.4	35.3	40959	8
10	10	Norwood Park	2	5.4	9	11.5	39.5	32875	21
11	11	Jefferson Park	2.7	8.6	12.4	13.4	35.5	27751	25
12	12	Forest Glen	1.1	7.5	6.8	4.9	40.5	44164	11
13	13	North Park	3.9	13.2	9.9	14.4	39	26576	33
14	14	Albany Park	11.3	19.2	10	32.9	32	21323	53
15	15	Portage Park	4.1	11.6	12.6	19.3	34	24336	35
16	16	Irving Park	6.3	13.1	10	22.4	31.6	27249	34
17	17	Dunning	5.2	10.6	10	16.2	33.6	26282	28
18	18	Montclaire	8.1	15.3	13.8	23.5	38.6	22014	50
19	19	Belmont Cragin	10.8	18.7	14.6	37.3	37.3	15461	70
20	20	Hermosa	6.9	20.5	13.1	41.6	36.4	15089	71
21	21	Avondale	6	15.3	9.2	24.7	31	20039	42
22	22	Logan Square	3.2	16.8	8.2	14.8	26.2	31908	23
23	23	Humboldt park	14.8	33.9	17.3	35.4	38	13781	85
24	24	West Town	2.3	14.7	6.6	12.9	21.7	43198	10
25	25	Austin	6.3	28.6	22.6	24.4	37.9	15957	73
26	26	West Garfield Park	9.4	41.7	25.8	24.5	43.6	10934	92
27	27	East Garfield Park	8.2	42.4	19.6	21.3	43.2	12961	83
28	28	Near West Side	3.8	20.6	10.7	9.6	22.2	44689	15
29	29	North Lawndale	7.4	43.1	21.2	27.6	42.7	12034	87
30	30	South Lawndale	15.2	30.7	15.8	54.8	33.8	10402	96

	Community	Community_area_Name	Percent_of	Percent_of	Percent_ag	Percent_Ag	Percent_Ag	Per_Capita	Hardship_I
47	47	Burnside	6.8	33	18.6	19.3	42.7	12515	79
48	48	Calumet Heights	2.1	11.5	20	11	44	28887	38
49	49	Roseland	2.5	19.8	20.3	16.9	41.2	17949	52
50	50	Pullman	1.5	21.6	22.8	13.1	38.6	20588	51
51	51	South Deering	4	29.2	16.3	21	39.5	14685	65
52	52	East Side	6.8	19.2	12.1	31.9	42.8	17104	64
53	53	West Pullman	3.3	25.9	19.4	20.5	42.1	16563	62
54	54	Riverdale	5.8	56.5	34.6	27.5	51.5	8201	98
55	55	Hegewisch	3.3	17.1	9.6	19.2	42.9	22677	44
56	56	Garfield Ridge	2.6	8.8	11.3	19.3	38.1	26353	32
57	57	Archer Heights	8.5	14.1	16.5	35.9	39.2	16134	67
58	59	McKinley Park	7.2	18.7	13.4	32.9	35.6	16954	61
59	60	Bridgeport	4.5	18.9	13.7	22.2	31.3	22694	43
60	61	New City	11.9	29	23	41.5	38.9	12765	91
61	62	West Elsdon	11.1	15.6	16.7	37	37.7	15754	69
62	63	Gage Park	15.8	23.4	18.2	51.5	38.8	12171	93
63	64	Clearing	2.7	8.9	9.5	18.8	37.6	25113	29
64	65	West Lawn	5.8	14.9	9.6	33.6	39.6	16907	56
65	66	Chicago Lawn	7.6	27.9	17.1	31.2	40.6	13231	80
66	67	West Englewood	4.8	34.4	35.9	26.3	40.7	11317	89
67	68	Englewood	3.8	46.6	28	28.5	42.5	11888	94
68	69	Greater Grand Crossing	3.6	29.6	23	16.5	41	17285	66
69	70	Ashburn	4	10.4	11.7	17.7	36.9	23482	37
70	71	Auburn Gresham	4	27.6	28.3	18.5	41.9	15528	74
71	72	Beverly	0.9	5.1	8	3.7	40.5	39523	12
72	73	Washington Height	1.1	16.9	20.8	13.7	42.6	19713	48
73	74	Mount Greenwood	1	3.4	8.7	4.3	36.8	34381	16
74	75	Morgan Park	0.8	13.2	15	10.8	40.3	27149	30
75	76	O'Hare	3.6	15.4	7.1	10.9	30.3	25828	24
76	77	Edgewater	4.1	18.2	9.2	9.7	23.8	33385	19

Analysis

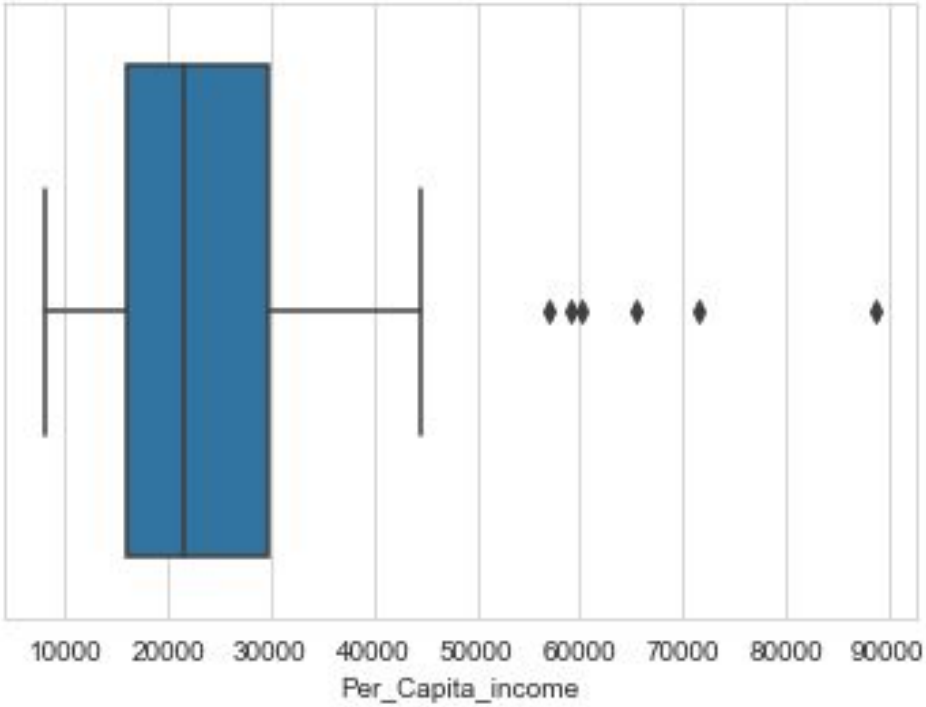
In [7]:

```
1 import seaborn as sns
2 plot=sns.jointplot(x='Percent_of_Housing_Crowded',y='Hardship_Index',data=df)
```



In [17]:

```
1 plot=sns.set_style('whitegrid')
2 x=sns.boxplot(x=df['Per_Capita_income'])
```

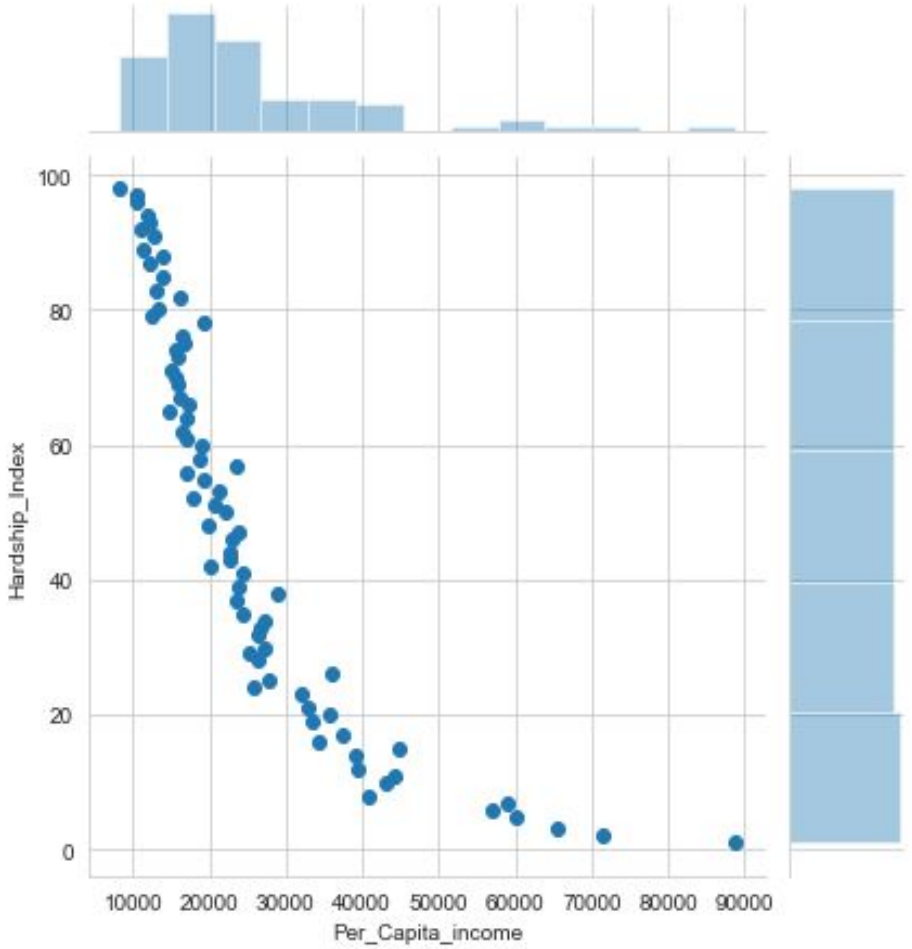


In [ ]:

```
1
```

In [18]:

```
1 import seaborn as sns
2 plot=sns.jointplot(x='Per_Capita_income',y='Hardship_Index',data=df)
```



In [21]:
```
1 plot=sns.jointplot(x='Percent_of_Housing_Crowded',y='Per_Capita_income',data=df)
```