

Deliverable 1 - Analysis

Questions :

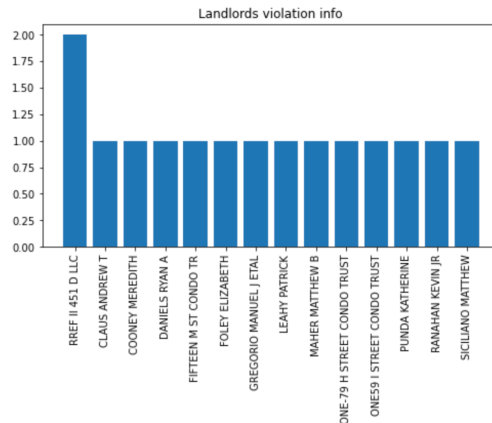
1. What is the spectrum of violations and severity in regards to worst landlords classifications?

We have conducted a data analysis process that involves two datasets: one containing information about landlords, and another containing records of violations. We used these datasets to associate the house information with the violation records. After performing this association, we have queried the violation records for a specific house. Here we select the top 20 records from this resulting dataset for display.

		ST_NAME	violation_city	violation_zip	violation_counts
5422	30	Pinewood ST	Mattapan	02126	47
9778	734	Cummins HWY	Mattapan	02126	37
6461	38	Ames ST	Dorchester	02124	36
2416	16	Elwyn RD	Dorchester	02124	33
9799	74	Chester ST	Allston	02134	32
9102	643	Walk Hill ST	Mattapan	02126	32
3661	200	Hancock ST	Dorchester	02125	32
7431	46	Evelyn ST	Mattapan	02126	32
3242	19	Olney ST	Dorchester	02121	32
5470	3003	Washington ST	Boston	02119	30
5507	308	Centre ST	Jamaica Plain	02130	29
11014	95	Greenwood ST	Dorchester	02121	29
9923	76	Gallivan BLVD	Boston	02124	29
10065	79	Canton ST	Roxbury	02118	27
4881	27	Hosmer ST	Mattapan	02126	26
2804	170	Colorado ST	Mattapan	02126	26
2873	175	Clare AVE	Hyde Park	02136	25
1044	119	Havre ST	East Boston	02128	24
6768	4	Woodcliff ST	Dorchester	02125	24
29	1	Gannett ST	Dorchester	02121	24

We have built an association between the room information and the landlord information by using the address . This association has allowed us to link each room to its respective landlord and their violation records. Here we obtain the landlord's violation information, which includes the number and type of violations associated with each landlord.

	OWNER	violation_counts
12	RREF II 451 D LLC	2
0	CLAUS ANDREW T	1
1	COONEY MEREDITH	1
2	DANIELS RYAN A	1
3	FIFTEEN M ST CONDO TR	1
4	FOLEY ELIZABETH	1
5	GREGORIO MANUEL J ETAL	1
6	LEAHY PATRICK	1
7	MAHER MATTHEW B	1
8	ONE-79 H STREET CONDO TRUST	1
9	ONE59 I STREET CONDO TRUST	1
10	PUNDA KATHERINE	1
11	RANAHAN KEVIN JR	1
13	SICILIANO MATTHEW	1



2. Correlation between flouting housing maintenance code and utilizing evictions to harass tenants.

We have conducted a data analysis process involving the 311 platform's data on residential maintenance complaints. And we found that many of the cases in this dataset have not been resolved, prompting you to extract the data and search for the addresses of the houses associated with the complaints. Later we will include utilizing evictions to harass tenants into the analysis.

				location	violation_counts
0	1	Peterborough St	Boston	MA 02215	2
7	14	Logan Way	South Boston	MA 02127	2
38	5	Union Ave	Jamaica Plain	MA 02130	1
28	34	Logan Way	South Boston	MA 02127	1
29	3555	Washington St	Jamaica Plain	MA 02130	1
30	39	Warren St	Roxbury	MA 02119	1
31	401	Old Colony Ave	South Boston	MA 02127	1
32	41	Rosseter St	Dorchester	MA 02121	1
33	4236	Washington St	Roslindale	MA 02131	1
34	490	Commonwealth Ave	Boston	MA 02215	1
35	494	Tremont St	Roxbury	MA 02116	1
36	4945	Washington St	West Roxbury	MA 02132	1
37	5	Dr. Michael Gavin Way	South Boston	MA 02127	1
39	50	Hutchings St	Dorchester	MA 02121	1
26	31	Prentiss St	Mission Hill	MA 02120	1
40	50-58	Annunciation Rd	Mission Hill	MA 02120	1
41	52	Guild St	Roxbury	MA 02119	1
42	59	B St	South Boston	MA 02127	1
43	605	Massachusetts Ave	Roxbury	MA 02118	1
44	63	Bradeen St	Roslindale	MA 02131	1

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