



Real Estate App-Streamlit

Monica Estrada

Real Estate App

01

Total Number of Properties

02

Average Property Price

Average Price Per Square Foot

Analysis on Past Sales

03

04

Motivation and Summary



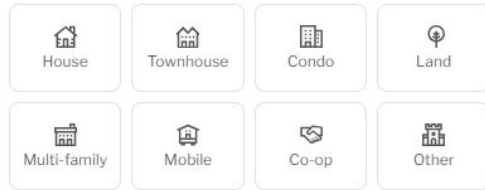
Motivation and Summary

- Good for Investors
- Multi-family owners
sellers and buyers

Focus: Lot Size
on property prices

Data Collection

Property Type



Filters



Beds Tap 2 numbers to select a range



Baths



Reset all

See 15k+ homes

Website Used

REDFIN

Export/Download CSV

The image shows the Redfin website interface. At the top, there's a navigation bar with the Redfin logo, a search bar, and various links. Below the navigation bar, there's a map of New York City with several property listings marked with green circles. To the right of the map, there's a list of properties. The first property is '204 Richards St, Brooklyn, NY 11231' and the second is '93 Worth St #311, New York, NY 10013'. Below the list, there's a pagination bar showing 'Viewing page 1 of 9' and a button labeled '(Download All)' which is circled in green. An arrow points to this button. The bottom of the page shows the breadcrumb trail 'Redfin > New York > New York'.

Data Collection

AutoSave Off

multifamily...

Search

Monica Estrada ME

FileHomeInsertDrawPage LayoutFormulasDataReviewViewDeveloperHelp

Paste

Clipboard

Font

Alignment

Number

Styles

Cells

Editing

Analysis

Comments

Share

AC264

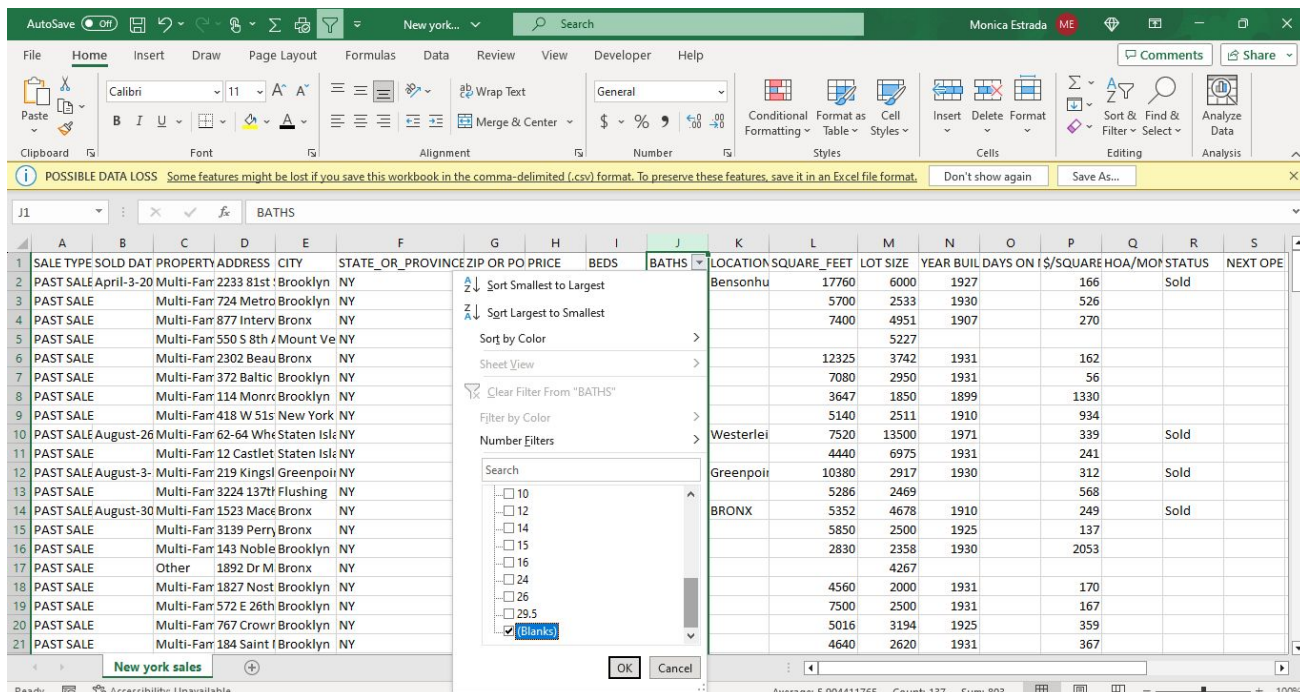
	A	B	C	D	E	F	G	H	I	J	K	L	M
1	SALE TYPE SOLD DAT	PROPERTY TYPE	ADDRESS	CITY	STATE_OR_PROVINCE	ZIP OR PO	PRICE	BEDS	BATHS	LOCATION	SQUARE FEET	LOT SIZE	
2	MLS Listing	Multi-Family	36 W 11th St Unit COMBINATION	New York	NY	10011	22945000	15	11	Manhattan	12000	205	
3	MLS Listing	Multi-Family	40 W 74th St	New York	NY	10023	18795000	5	7	Manhattan	11000	255	
4	MLS Listing	Multi-Family	54 E 80th St	New York	NY	10075	18500000	6	6.5	Manhattan	5591	183	
5	MLS Listing	Multi-Family	23 Beekman Pl	New York	NY	10022	17495000	9	9.5	Manhattan	11500	200	
6	MLS Listing	Multi-Family	6 E 74th St	New York	NY	10021	16800000	8	7.5	Manhattan	9700	229	
7	MLS Listing	Multi-Family	112 Waverly Pl	New York	NY	10011	15500000	5	6.5	Manhattan	6321	214	
8	MLS Listing	Multi-Family	20 Remsen St Unit TH	Brooklyn	NY	11201	11500000	6	5	Brooklyn	6094	255	
9	MLS Listing	Multi-Family	8820 Avenue J	Canarsie	NY	11236	11250000	50	50	Brooklyn	22035	1590	
10	MLS Listing	Multi-Family	646 Port Richmond Ave	Staten Island	NY	10302	10700000	43	43	Staten Island	27152	3218	
11	MLS Listing	Multi-Family	158 W 13th St	New York	NY	10011	10495000	5	5.5	Manhattan	7376	211	
12	MLS Listing	Multi-Family	35 W 11th St	New York	NY	10011	10000000	7	7.5	Manhattan	5344	234	
13	MLS Listing	Multi-Family	52 E 76th St	New York	NY	10021	10000000	9	11.5	Manhattan	6800	173	
14	MLS Listing	Multi-Family	30-90 Crescent St	Astoria	NY	11102	10000000	12	6	Queens	5508	1128	
15	MLS Listing	Multi-Family	36 W 11th St	New York	NY	10011	9995000	9	5	Manhattan	6442	205	
16	MLS Listing	Multi-Family	4 W 90th St	New York	NY	10024	9995000	10	10	Manhattan	9384	191	
17	MLS Listing	Multi-Family	23 E 92nd St	New York	NY	10128	9250000	6	7	Manhattan	7275	204	
18	MLS Listing	Multi-Family	198 Grand St	New York	NY	10013	8900000	11	10	Manhattan	12373	244	
19	MLS Listing	Multi-Family	6423 20th Ave	Brooklyn	NY	11204	8800000	4	6	Brooklyn	5800	360	
20	MLS Listing	Multi-Family	156 Waverly Pl	New York	NY	10014	8750000	8	8	Manhattan	6072	215	
21	MLS Listing	Multi-Family	825 57th St	Brooklyn	NY	11220	7900000	6	2	Brooklyn	21400	400	
22	MLS Listing	Multi-Family		New York	NY	10065	7800000	0		Manhattan	7200	180	
23	MLS Listing	Multi-Family	120 W 87th St	New York	NY	10024	7750000	7	2.5	Manhattan	4950	181	

multifamily nyc

ReadyAccessibility: Unavailable100%

Data Cleaning

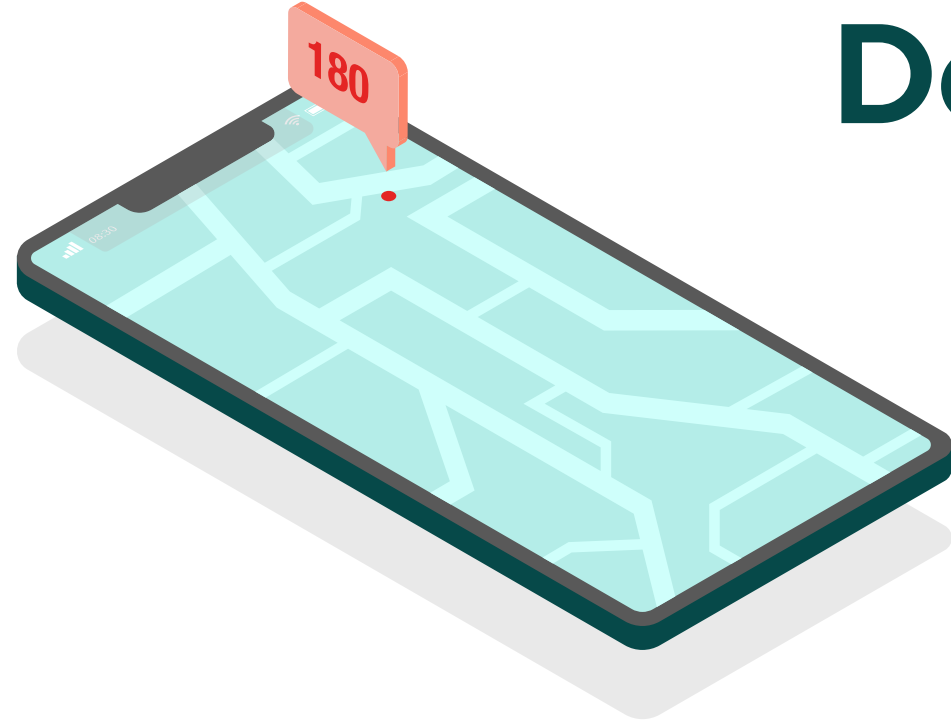
Simple Inserting of blank values through filtering and checking the property url



The screenshot shows the Microsoft Excel interface with a data table. The table has columns A through S. The 'BATHS' column (J) is selected, and a filter menu is open. The filter menu shows options to sort the data (Sort Smallest to Largest, Sort Largest to Smallest, Sort by Color) and filter the data (Filter by Color, Number Filters). The 'Filter by Color' option is selected, and a search box is visible. The search results show a list of values, including '(Blanks)', which is highlighted. The table data includes columns for SALE TYPE, SOLD DATE, PROPERTY ADDRESS, CITY, STATE_OR_PROVINCE, ZIP OR PO, PRICE, BEDS, LOCATION, SQUARE FEET, LOT SIZE, YEAR BUILT, DAYS ON MARKET, \$/SQUARE FOOT, HOA/MONTH, STATUS, and NEXT OPENING DATE.

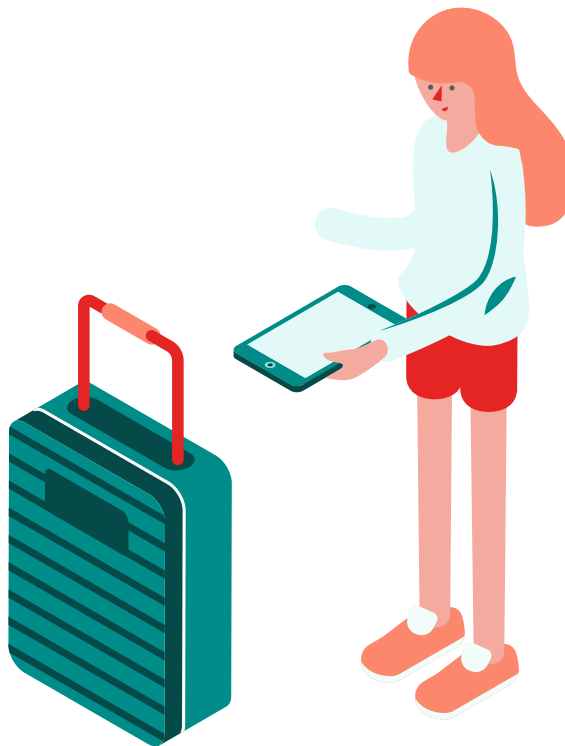
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	SALE TYPE	SOLD DATE	PROPERTY ADDRESS	CITY	STATE_OR_PROVINCE	ZIP OR PO	PRICE	BEDS	BATHS	LOCATION	SQUARE FEET	LOT SIZE	YEAR BUILT	DAYS ON MARKET	\$/SQUARE FOOT	HOA/MONTH	STATUS	NEXT OPENING DATE	
1	PAST SALE	April-3-20	Multi-Fam	2233 81st	Brooklyn	NY				Bensonhu	17760	6000	1927		166		Sold		
2	PAST SALE		Multi-Fam	724 Metro	Brooklyn	NY					5700	2533	1930		526				
3	PAST SALE		Multi-Fam	877 Interv	Bronx	NY					7400	4951	1907		270				
4	PAST SALE		Multi-Fam	550 S 8th	Mount Ve	NY						5227							
5	PAST SALE		Multi-Fam	2302 Beau	Bronx	NY					12325	3742	1931		162				
6	PAST SALE		Multi-Fam	372 Baltic	Brooklyn	NY					7080	2950	1931		56				
7	PAST SALE		Multi-Fam	114 Monr	Brooklyn	NY					3647	1850	1899		1330				
8	PAST SALE		Multi-Fam	418 W 51st	New York	NY					5140	2511	1910		934				
9	PAST SALE	August-26	Multi-Fam	62-64 W 4th	Staten Isl	NY				Westerlei	7520	13500	1971		339		Sold		
10	PAST SALE		Multi-Fam	12 Castlet	Staten Isl	NY					4440	6975	1931		241				
11	PAST SALE	August-3-	Multi-Fam	219 Kingsl	Greenpoi	NY				Greenpoi	10380	2917	1930		312		Sold		
12	PAST SALE		Multi-Fam	3224 137th	Flushing	NY					5286	2469			568				
13	PAST SALE	August-30	Multi-Fam	1523 Mace	Bronx	NY				BRONX	5352	4678	1910		249		Sold		
14	PAST SALE		Multi-Fam	3139 Perry	Bronx	NY					5850	2500	1925		137				
15	PAST SALE		Multi-Fam	143 Noble	Brooklyn	NY					2830	2358	1930		2053				
16	PAST SALE		Other	1892 Dr M	Bronx	NY						4267							
17	PAST SALE		Multi-Fam	1827 Nost	Brooklyn	NY					4560	2000	1931		170				
18	PAST SALE		Multi-Fam	572 E 26th	Brooklyn	NY					7500	2500	1931		167				
19	PAST SALE		Multi-Fam	767 Crowr	Brooklyn	NY					5016	3194	1925		359				
20	PAST SALE		Multi-Fam	184 Saint I	Brooklyn	NY					4640	2620	1931		367				

Demonstration



Difficulties

1. Cannot take into account city laws and zoning
2. Wanted to focus more on commercial retail properties
3. Api not available
4. Python scrape inconsistency



Findings

1. Expected more properties to have adu opportunities
2. Did not consider city laws and zoning
3. Shape and size of property and placement on lot



Do you have any questions?

