DATA QUALITY REPORT FOR NEW YORK PROPERTY DATA

1.0 Data Description:

Dataset Name: Property Valuation and Assessment Data
Data Source: NYC Department of Finance
Data Version: 2010/11/17
Number of Fields: 32
Number of Records: 1070994

2.0 Data Summary

- Numeric Fields:

Column	# of Records	% Missing	# Zeros	Minimum	Median	Mean	Maximum	Standard Deviation
LTFRONT	1070994	0.0%	169108	0	25	36.64	9,999	74.03
LTDEPTH	1070994	0.0%	170128	0	100	88.86	9,999	76.40
STORIES	1014730	5.3%	0	1	2	5.01	119	8.37
FULLVAL	1070994	0.0%	13007	0	447000	874,264.51	6,150,000,000	11,582,430.00
AVLAND	1070994	0.0%	13009	0	13678	85,067.92	2,668,500,000	4,057,258.00
AVTOT	1070994	0.0%	13007	0	25340	227,238.17	4,668,309,000	6,877,526.00
EXLAND	1070994	0.0%	491699	0	1620	36,423.89	2,668,500,000	3,981,574.00
EXTOT	1070994	0.0%	432572	0	1620	91,186.98	4,668,309,000	6,508,400.00
BLDFRONT	1070994	0.0%	228815	0	20	23.04	7,575	35.58
BLDDEPTH	1070994	0.0%	228853	0	39	39.92	9,393	42.71
AVLAND2	282726	73.6%	0	3	20145	246,235.72	2,371,005,000	6,178,952.00
AVTOT2	282732	73.6%	0	3	79962.5	713,911.44	4,501,180,000	11,652,510.00
EXLAND2	87449	91.8%	0	1	3048	351,235.68	2,371,005,000	10,802,150.00
EXTOT2	92948	91.3%	0	7	37062	656,768.28	4,501,180,000	16,072,450.00

- Categorical Fields:

Column	# of Records	% Missing	Unique Values	Most Common Field Value
RECORD	1070994	0.0%	1070994	N/A
BBLE	1070994	0.0%	1070994	N/A
B	1070994	0.0%	5	4
BLOCK	1070994	0.0%	13984	3944
LOT	1070994	0.0%	6366	1
EASEMENT	4636	99.6%	13	E
OWNER	1039249	3.0%	863348	PARKCHESTER PRESERVAT
BLDGCL	1070994	0.0%	200	R4
TAXCLASS	1070994	0.0%	11	1
EXT	354305	66.9%	4	G
EXCD1	638488	40.4%	130	1017
STADDR	1070318	0.1%	839281	501 SURF AVENUE
ZIP	1041104	2.8%	197	10314
EXMPTCL	15579	98.5%	15	X1
EXCD2	130828	87.8%	61	1017
PERIOD	1070994	0.0%	1	FINAL
YEAR	1070994	0.0%	1	2010/11/1
VALTYPE	1070994	0.0%	1	AC-TR

3.0 Data Field Explanation
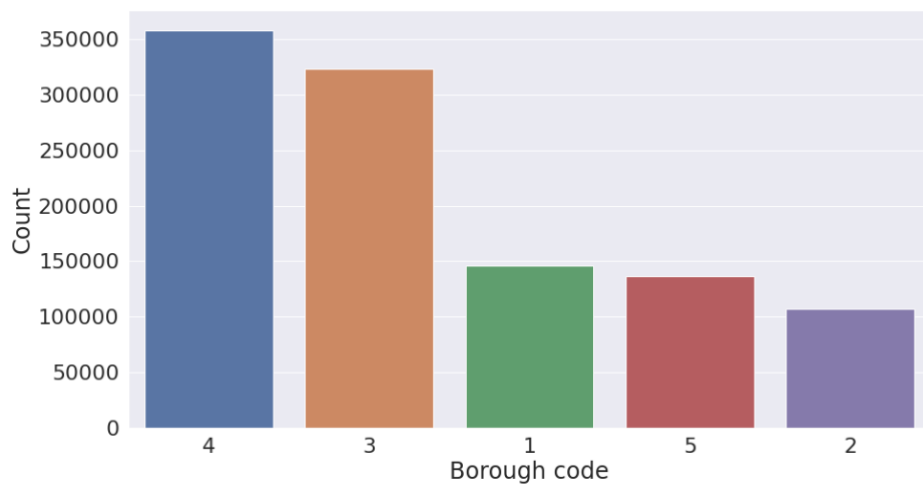
Column 1: RECORD
Description: Unique ID for each entry

Column 2: BBLE
Description: Concatenation of borough code, block code, and LOT code.
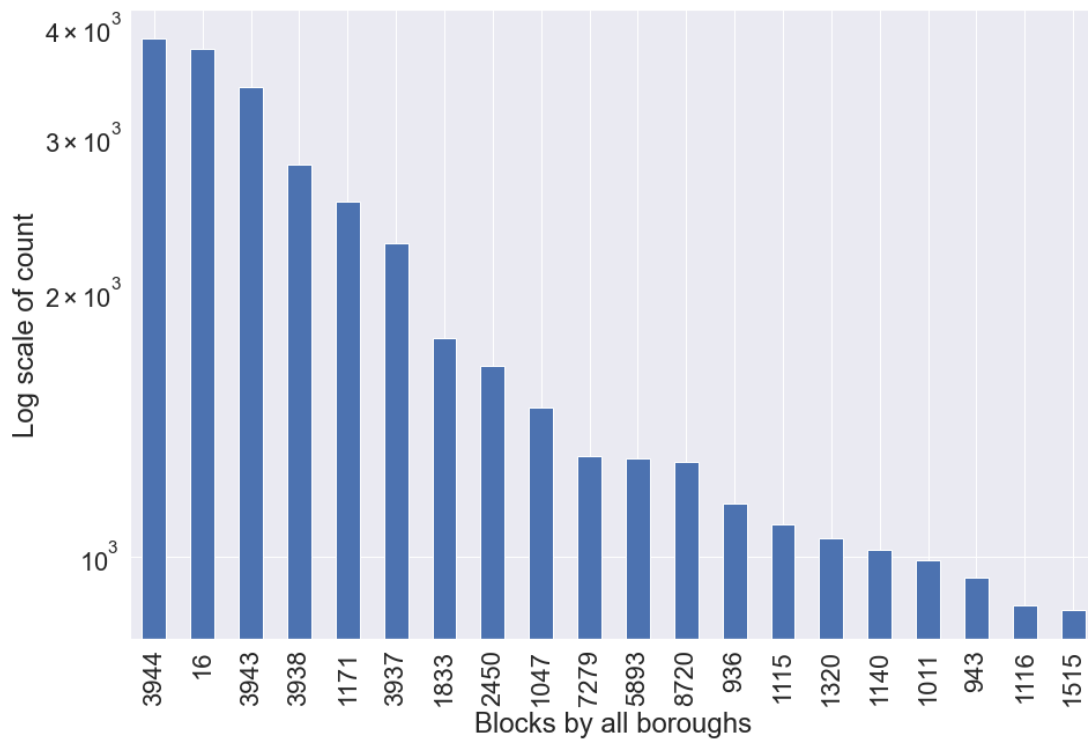
Column 3: B
Description: borough codes

Code	Borough
1	MANHATTAN
2	BRONX
3	BROOKLYN
4	QUEENS
5	STATEN ISLAND

Column 4: BLOCK
Description: Valid block range by borough

Borough	Block range
MANHATTAN	1-2255
BRONX	2260-5958
BROOKLYN	1-8955
QUEENS	1-16350
STATEN ISLAND	1- 8050

Column 5: LOT
Description: Unique number within borough or block
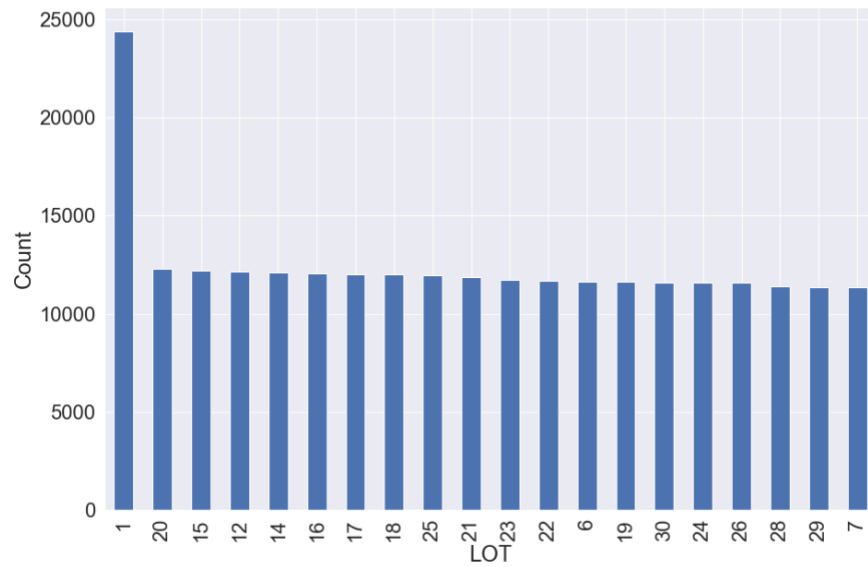
Column 6: EASEMENT
Description: Description code about Easement

Code	Indication
SPACE	No Easement
B	Non-Air Rights
E	The portion of the lot that has a Land Easement
F through M	Duplicates of 'E'
N	Non-Transit Easement
P	Piers
R	Railroads
S	Street
U	U.S. Government
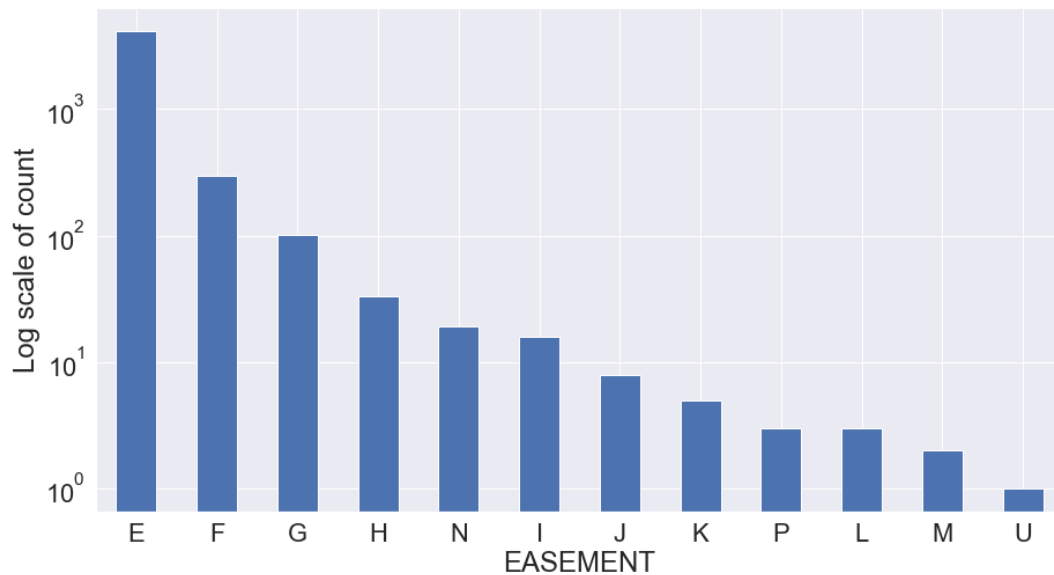
Column 7: OWNER
Description:Owner's name
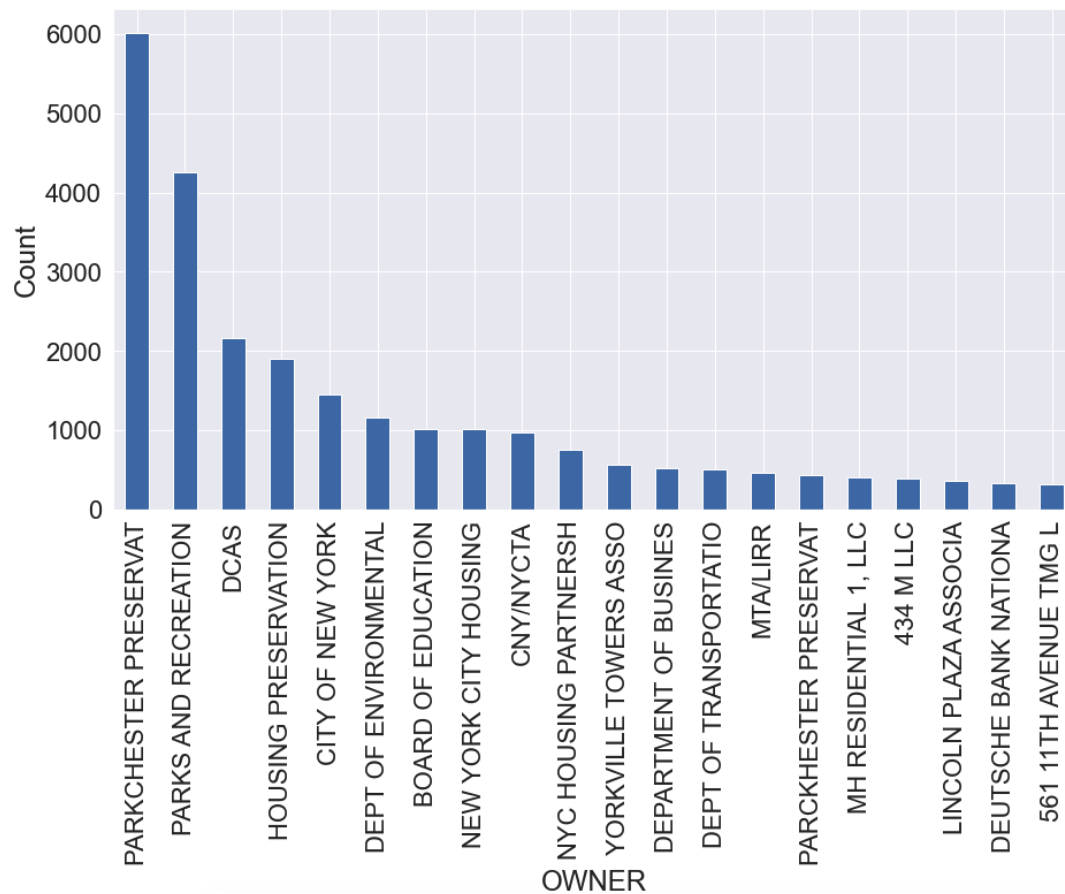
Column 8: BLDGCL
Description: Building Class
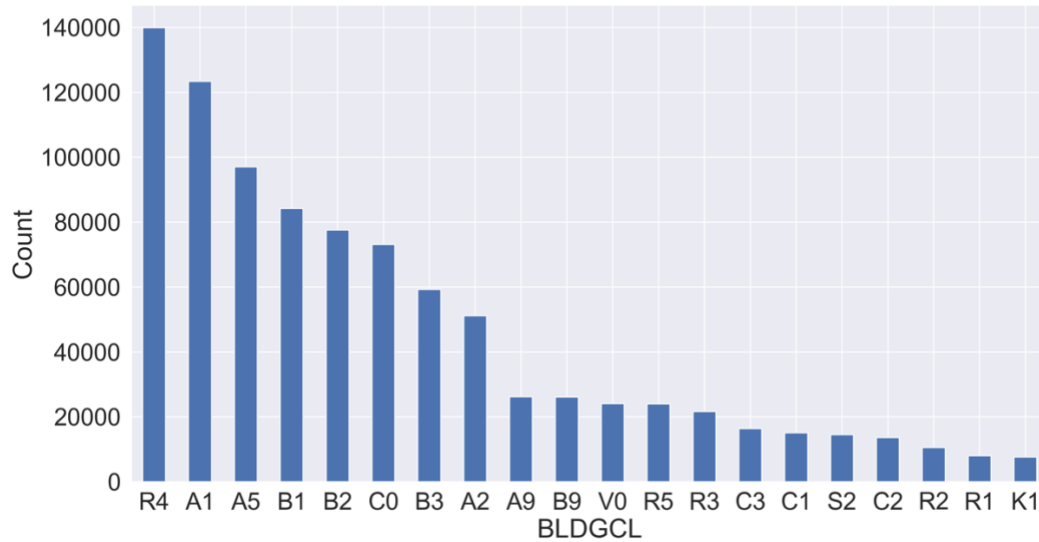
Column 9: TAXCLASS
Description: Current Property Tax Class Code (NYS Classification)

Tax class code	Indication
1	1-3 unit residences
1A	1-3 story condominiums
1B	residential vacant land
1C	1-3 unit condominums
1D	select bungalow colonies
2	apartments
2A	apartments with 4-6 units
2B	apartments with 7-10 units
2C	coops/condos with 2-10 units
3	utilities (except ceiling RR)
4A	utilities - ceiling railroads
4	all others
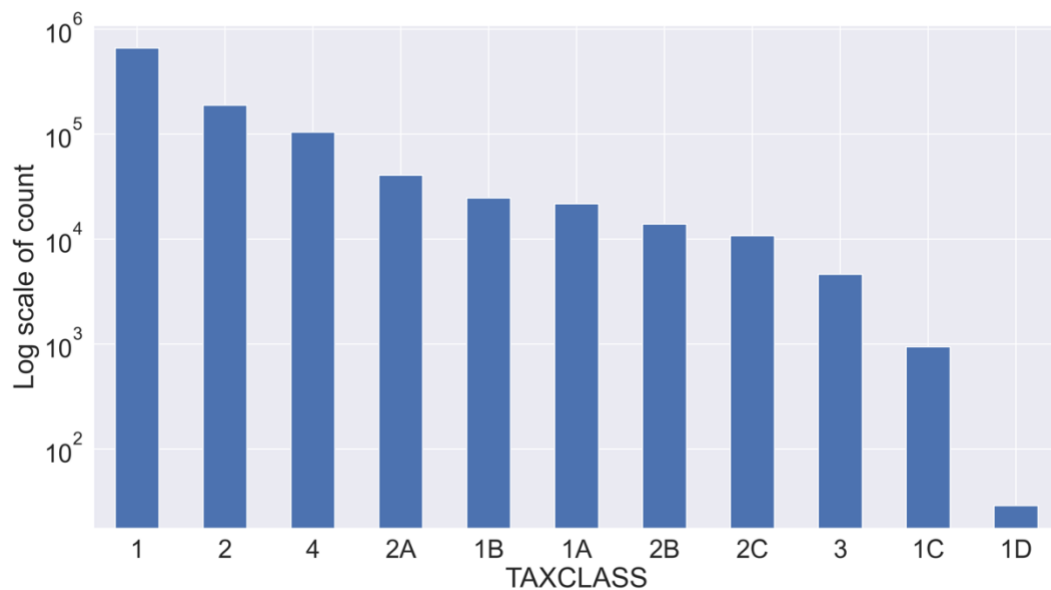
Column 10: LTFRONT
Description: Lot Frontage in feet
Exclude outliers: >250 (0.94%)
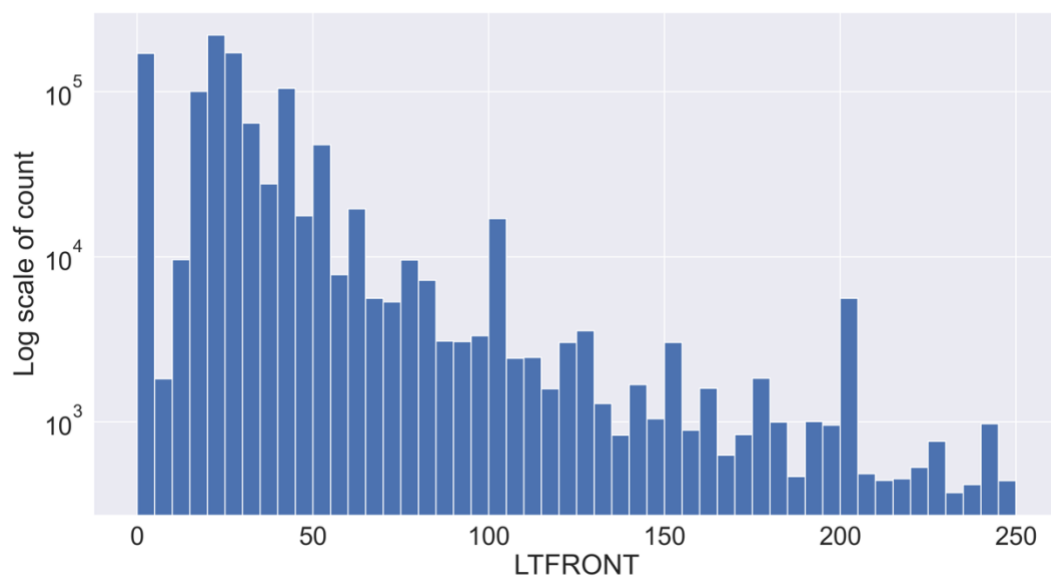
Column 11: LTDEPTH
Description: Lot depth in feet
Exclude outliers: >270 (1%)
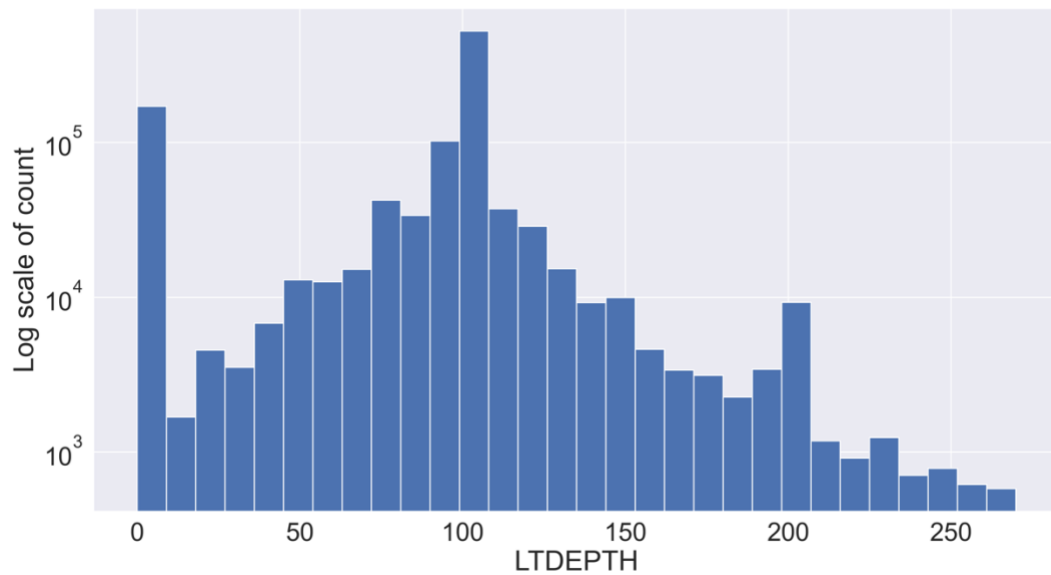
Column 12: EXT
Description: Extension

EXT code	Indication
V	If the building is irregular shaped
E	extension
G	garage
EG	Extension and garage
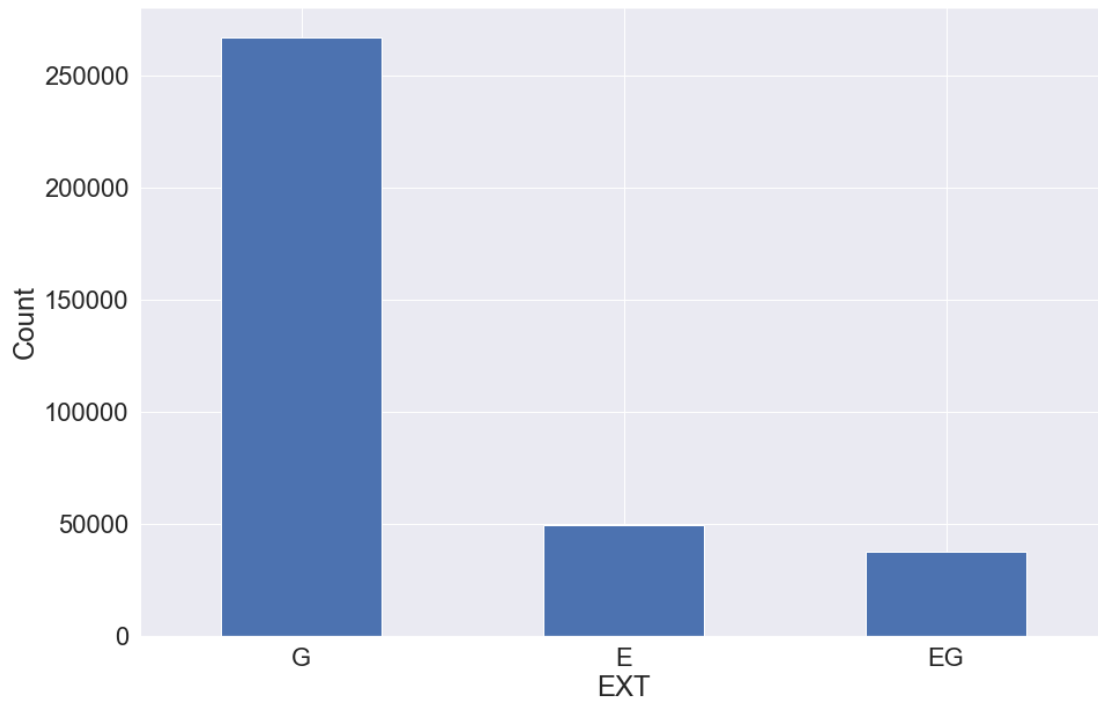
Column 13: STORIES
Description: The number of stories for the building (# of Floors)
Exclude outliers: >44 (0.89%)
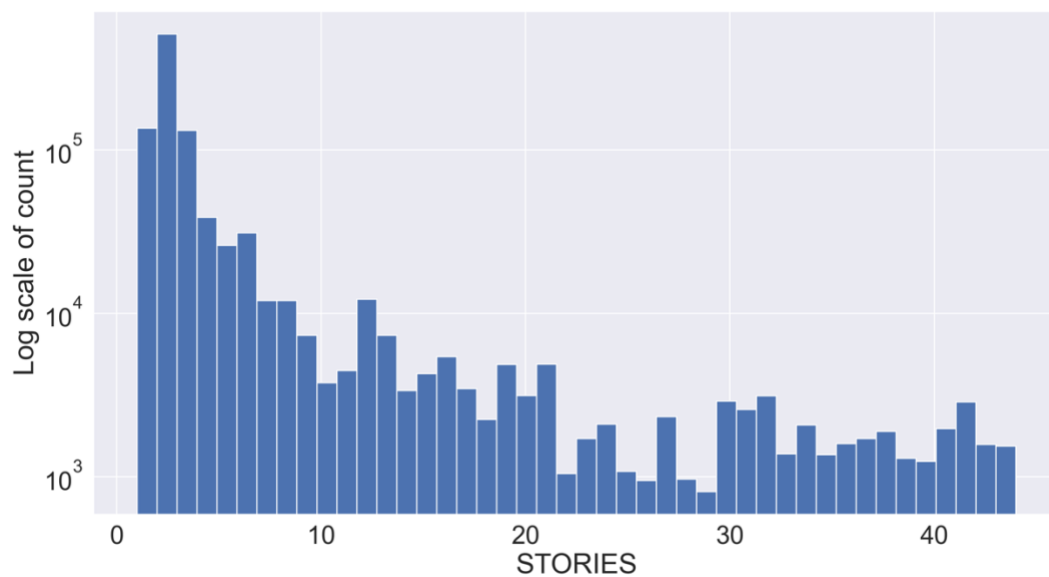
Column 14: FULLVAL
Description: Total market value of the land
Exclude outliers: > 1230000 (6.51%)
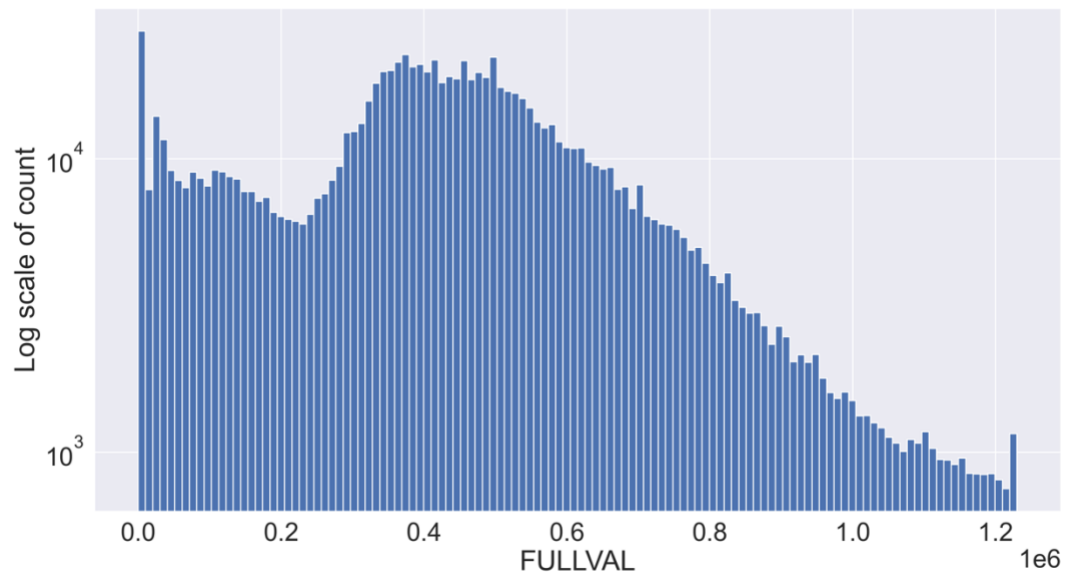
Column 15: AVLAND
Description: Assessed Land Value
Exclude outliers: > 106740 (5.74%)
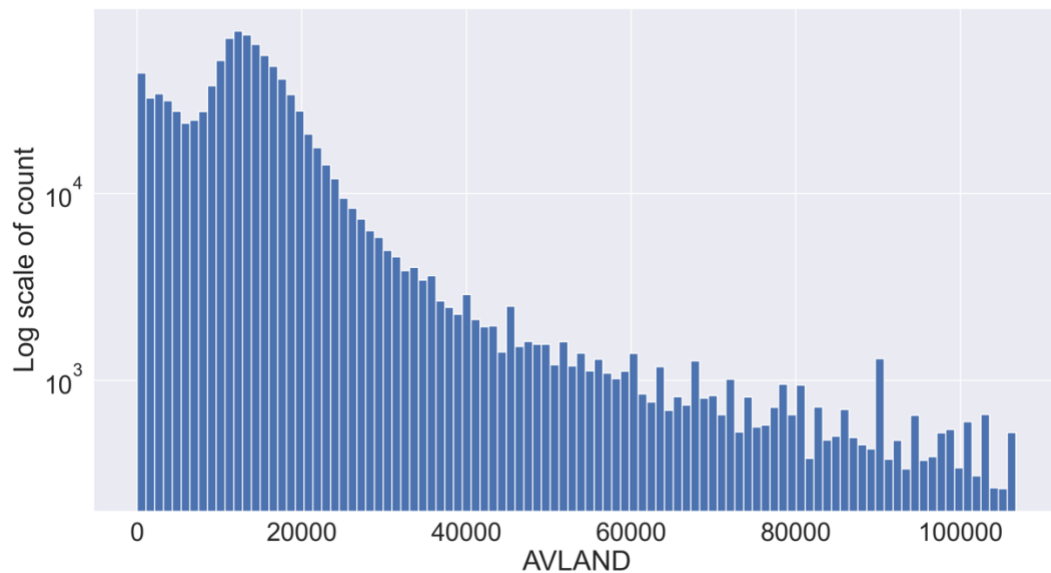
Column 16: AVTOT
Description: Assessed Total Value
Exclude outliers: > 186732 (8.86%)
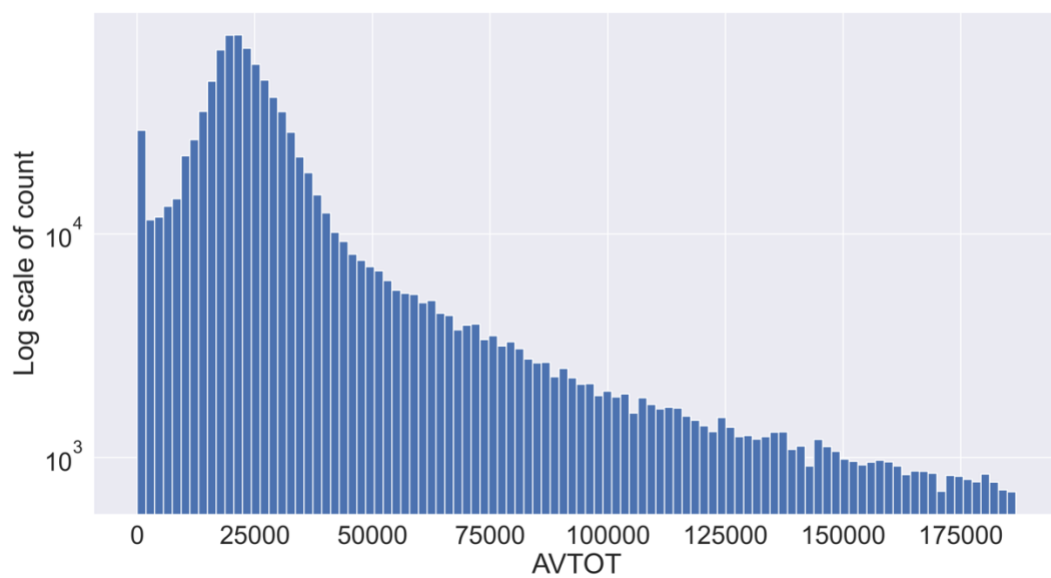
Column 17: EXLAND

Description: Exempt Land Value
Exclude outliers: > 186732 (1.04%)
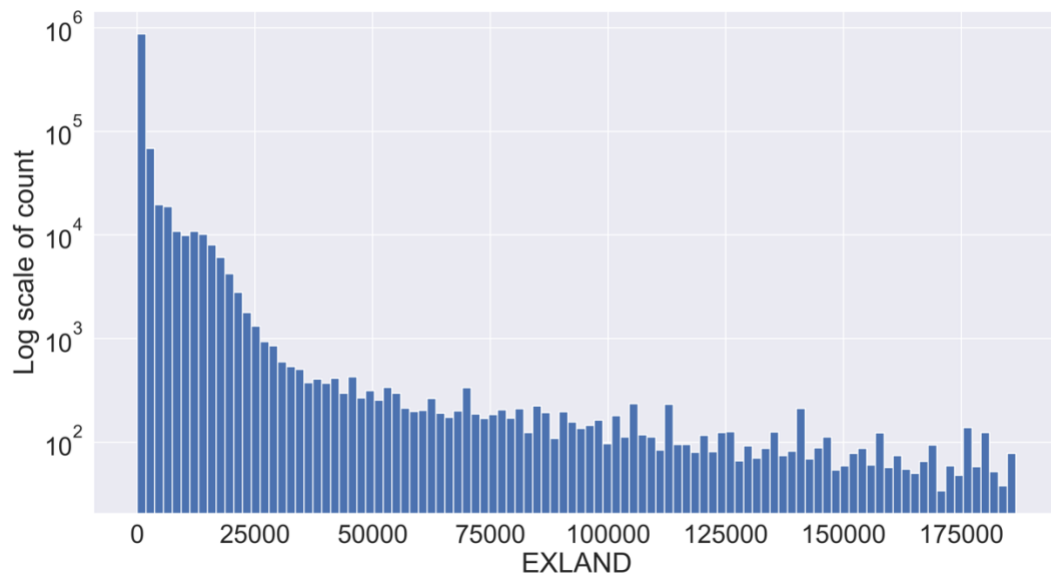
Column 18: EXTOT
Description: Exempt Total Value
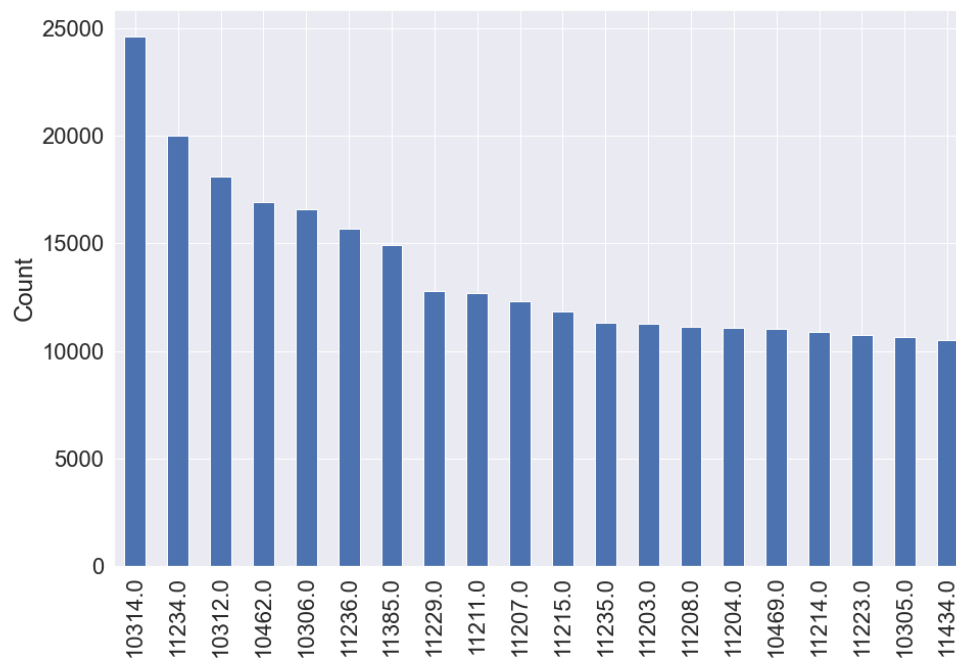Exclude outliers: > 93366 (3.72%)
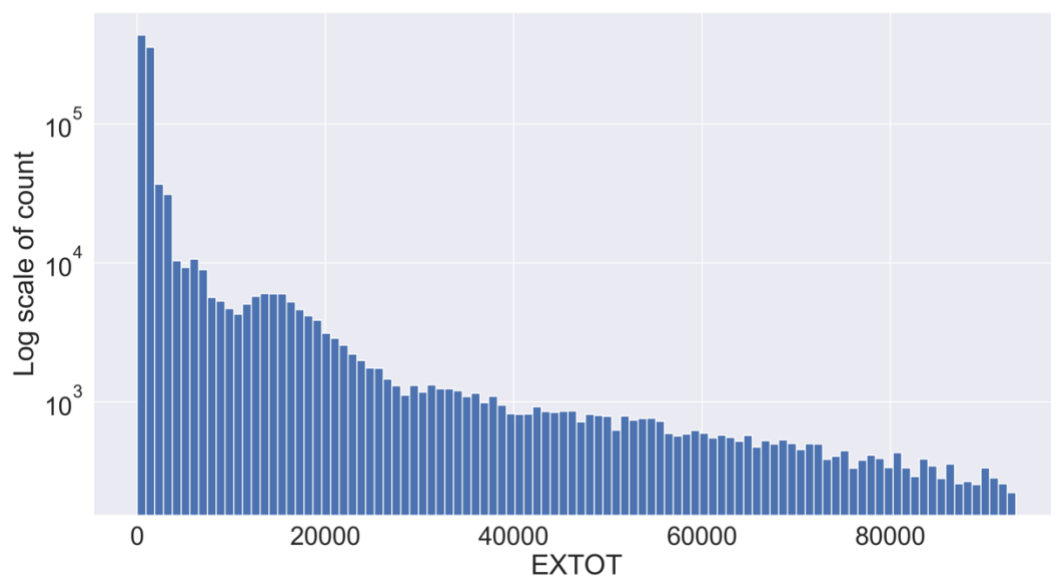
Column 19: EXCD1
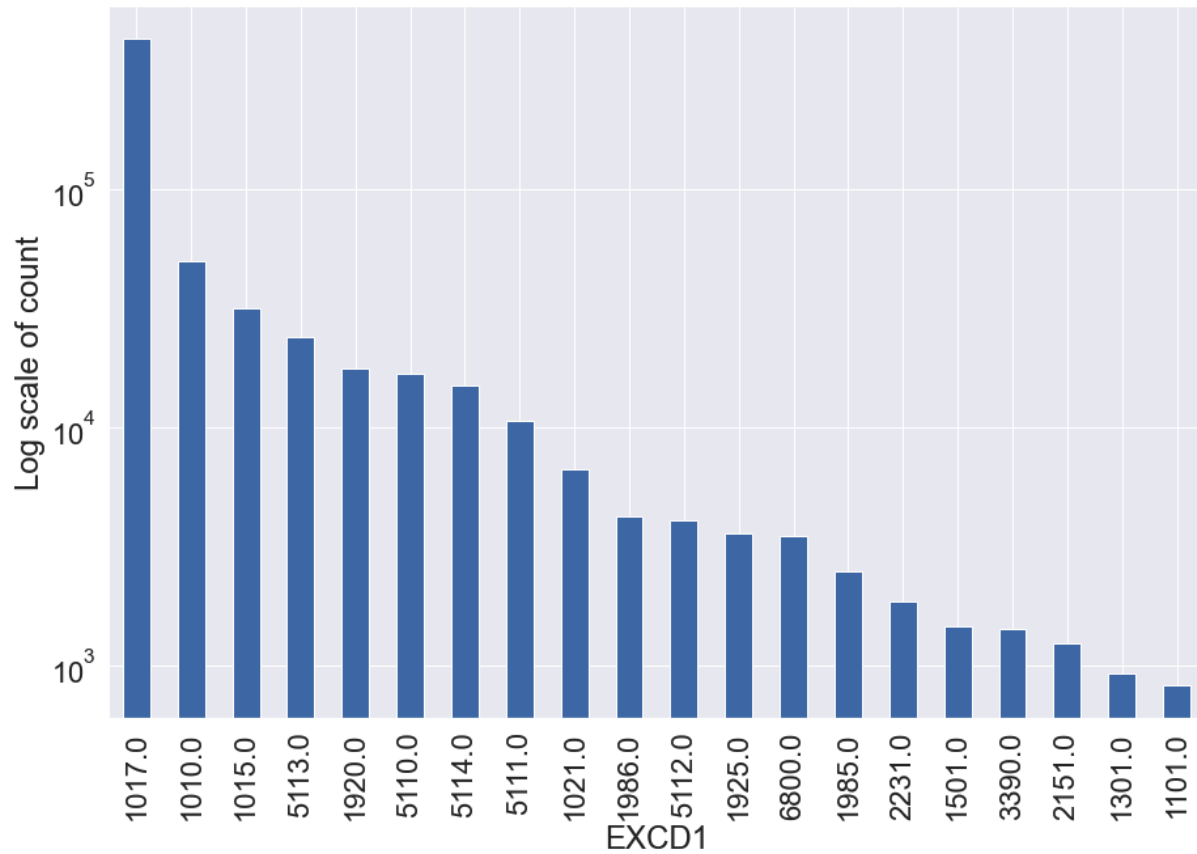
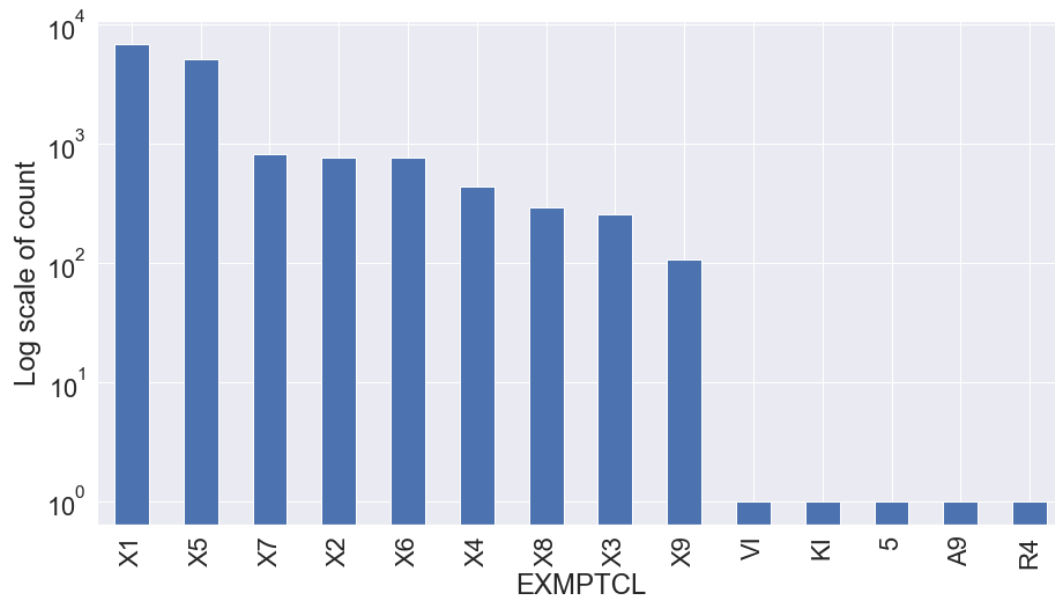Column 20: STADDR
Description: Street name for the property
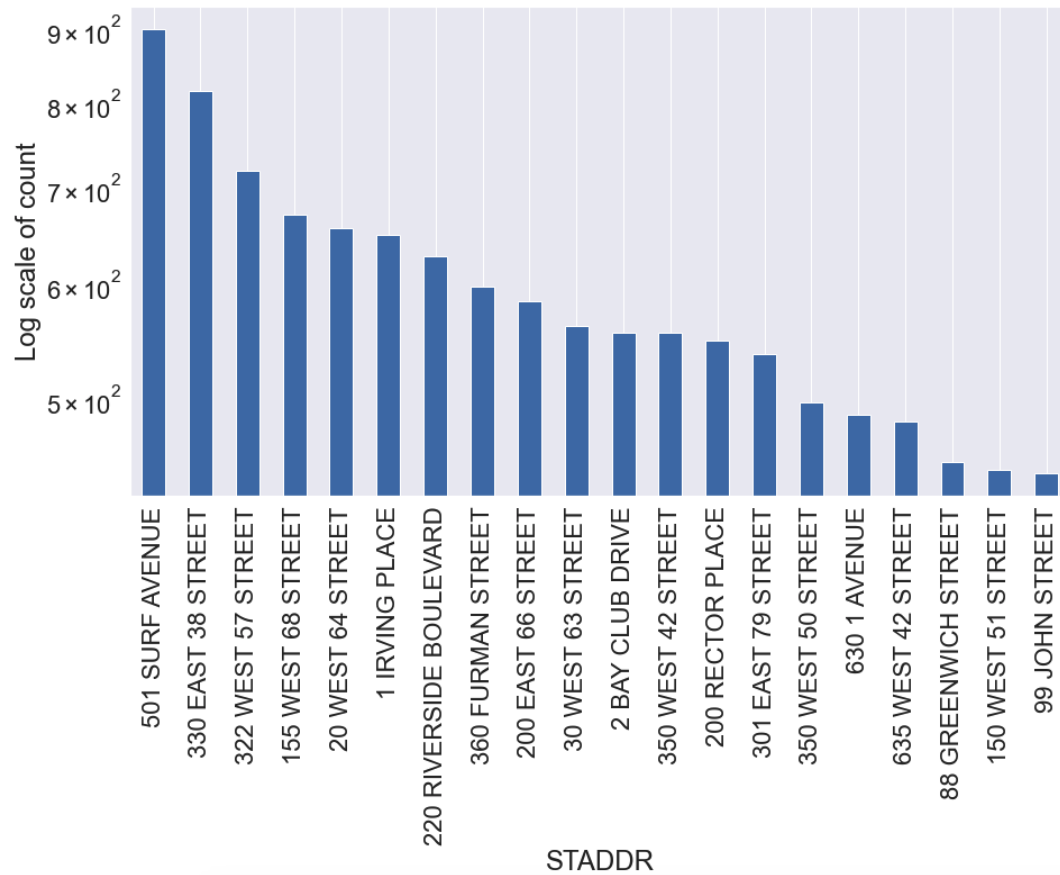
Column 21: ZIP
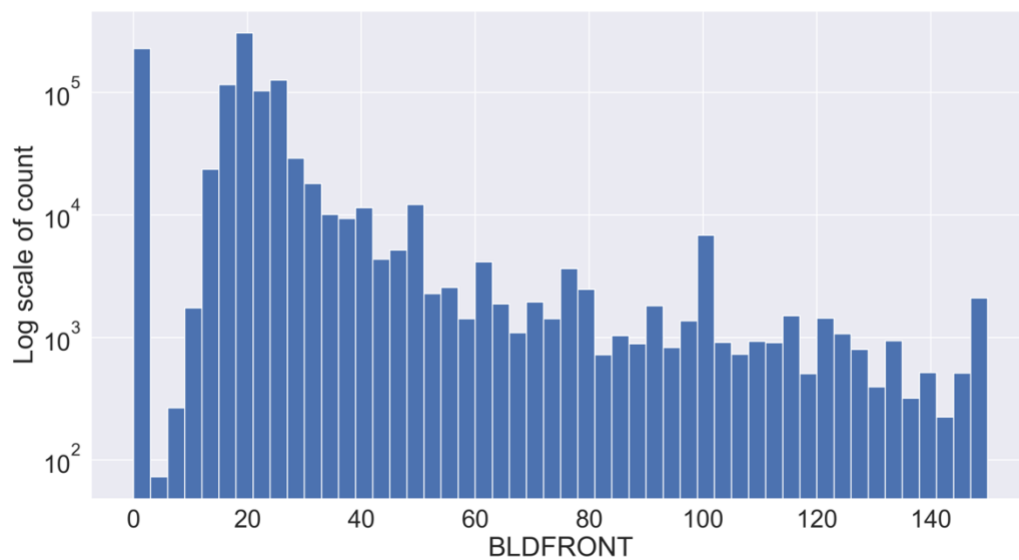Description: Postal Zip code of the property

Column 22: EXMPTCL
Description: Exempt Class used for fully exempt properties only
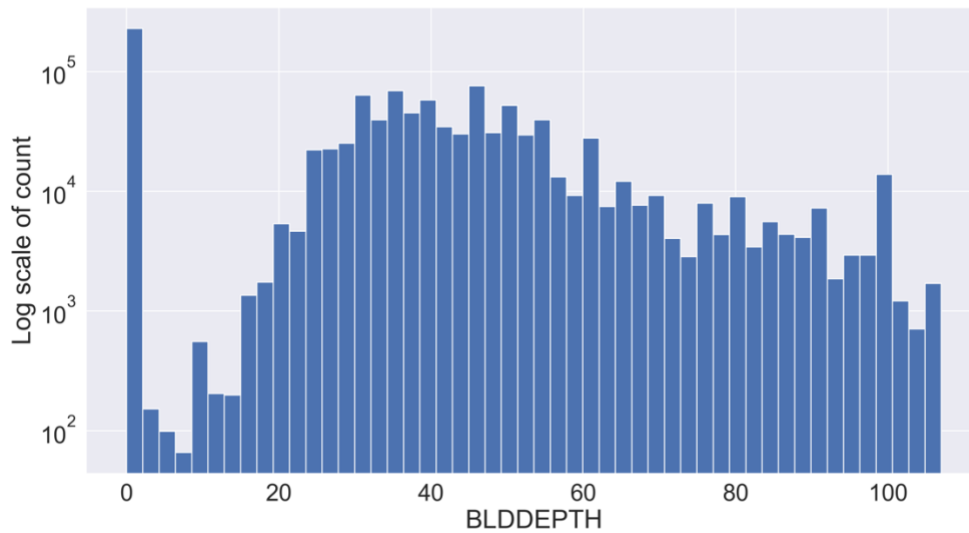

Column 23: BLDFRONT
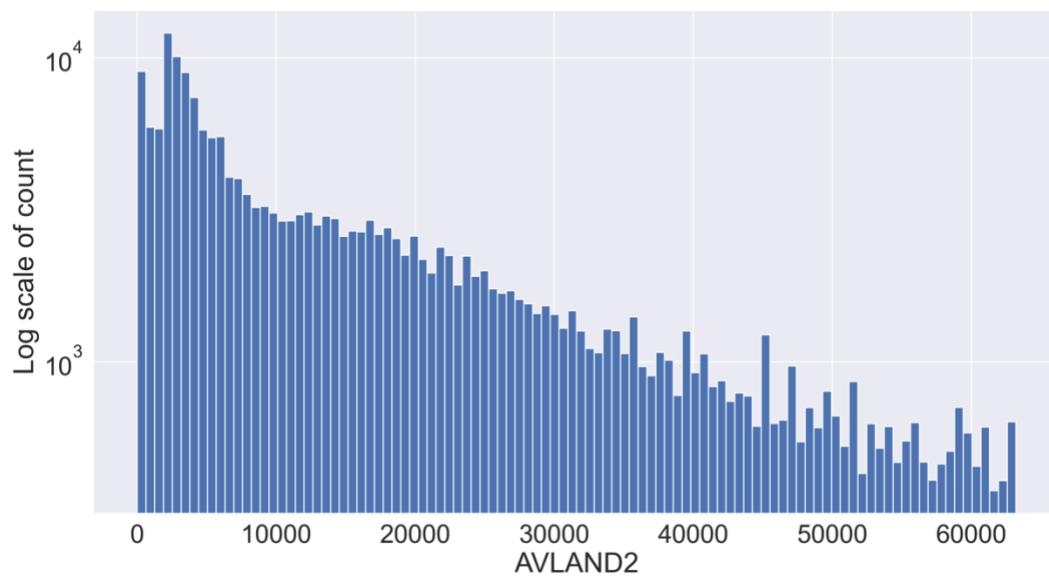Description: Building frontage in feet
Exclude outliers: > 150 (1.31%)

Column 24: BLDDEPTH
Description: Lot depth in feet
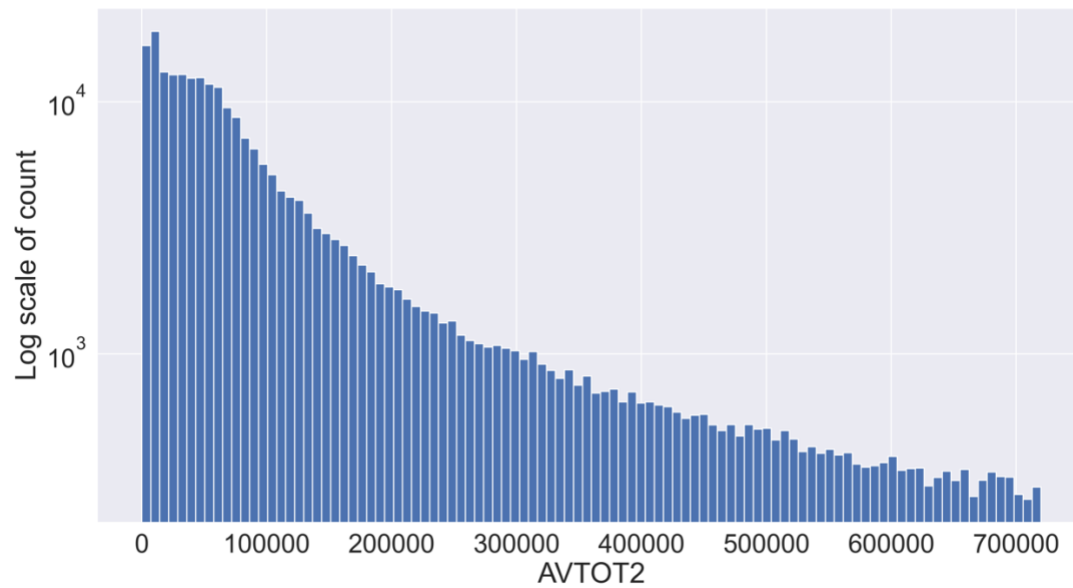Exclude outliers: > 107 (2.26%)

Column 25: AVLAND2
Description: Actual Assessed Land Value
Exclude outliers: > 63229 (6.55%)

Column 26: AVTOT2
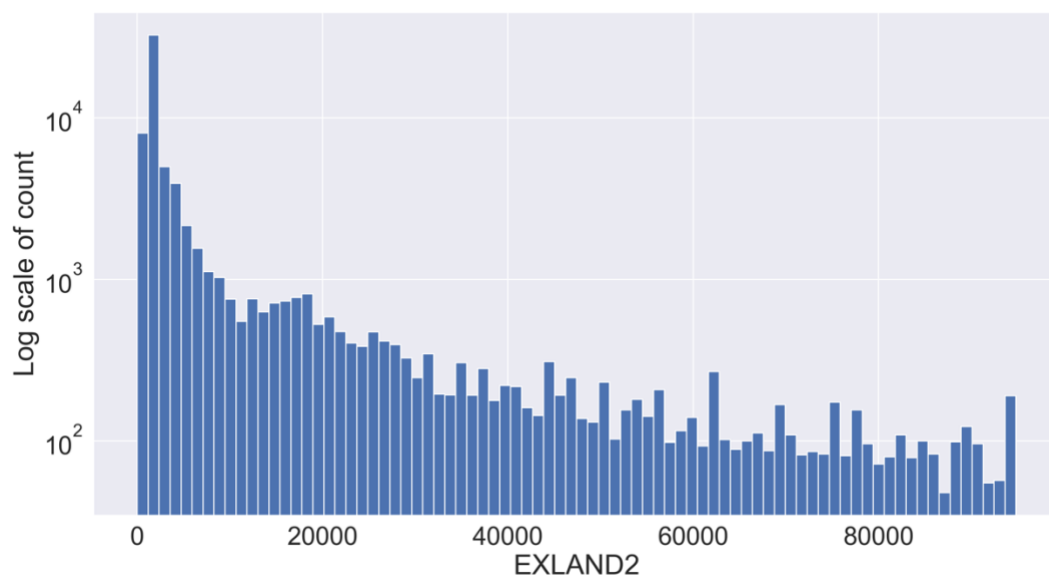Description: Actual Assessed Total Value
Exclude outliers: > 720191 (2.93%)

Column 27: EXLAND2
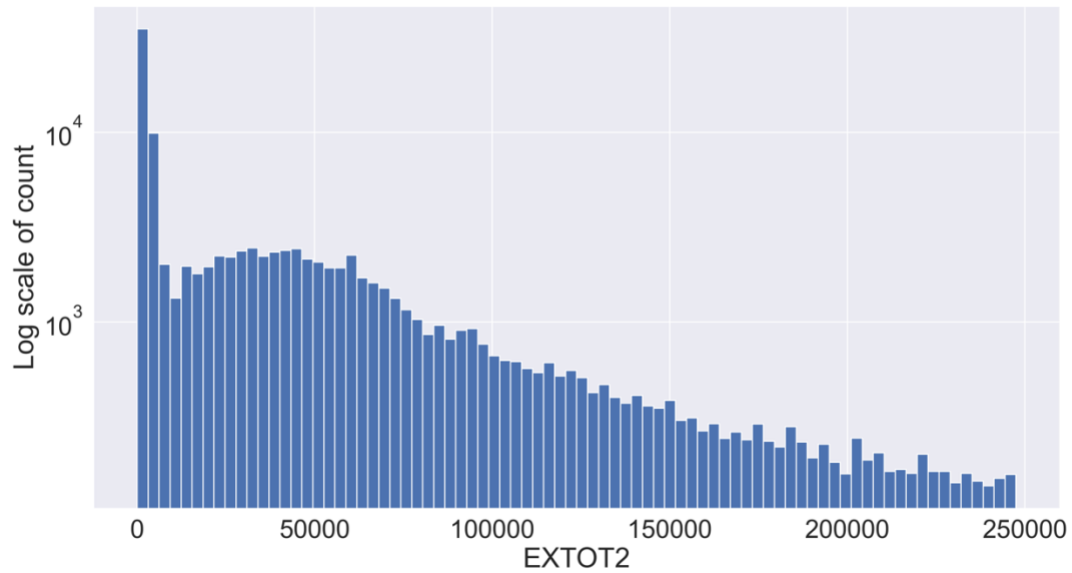Description: Actual Exempt Land Value
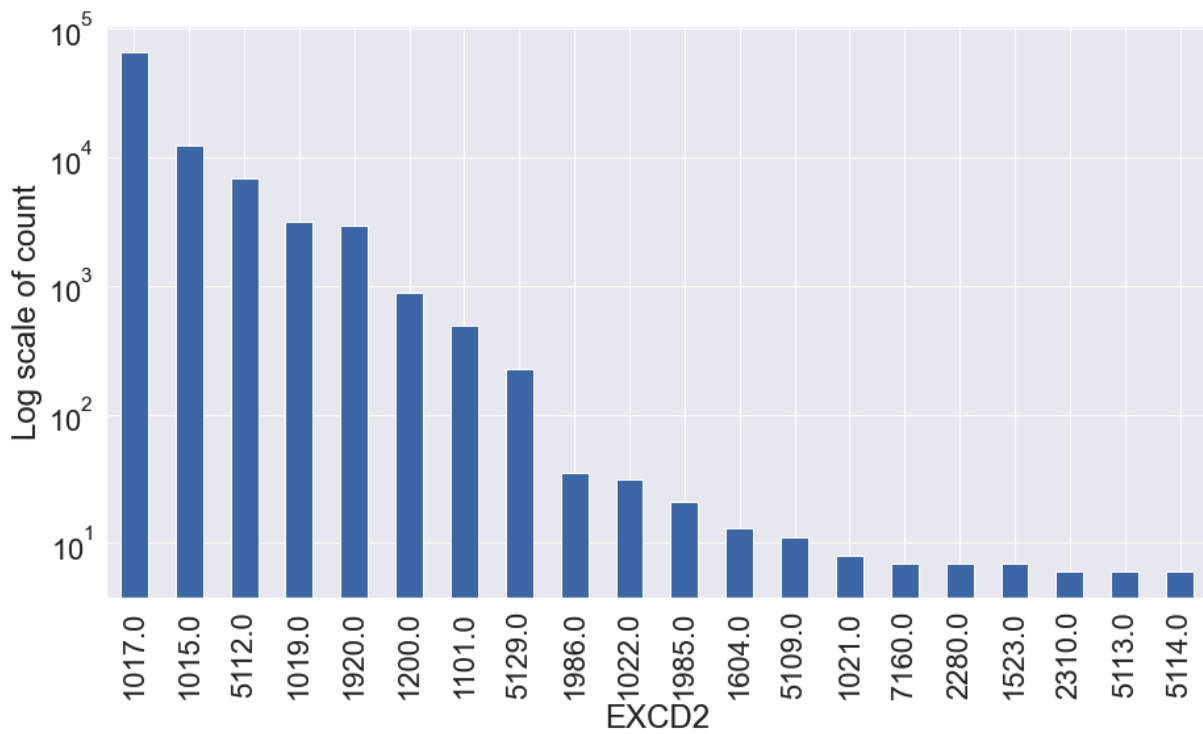Exclude outliers: > 94841 (1.33%)

Column 28: EXTOT2
Description: Actual Exempt Total Value
Exclude outliers: > 247571 (1.82%)

Column 29: EXCD2

Column 30: PERIOD
Description: Indicator for the Change Period of the File; All have the same record "FINAL"

Column 31: YEAR
Description: Fiscal year. All have the same record "2010/11".

Column 32: VALTYPE
Description: All have the same record "AC-TR"