

DATA QUALITY REPORT FOR NY PROPERTY DATA

Description

Dataset Name: Property Valuation and Assessment Data

Dataset Purpose: NYC properties assessments to calculate property tax, grant eligible properties, exemptions and/or abatements.

Data Source: NYC Open Data

Time Period: November 17, 2010

Number of Fields: #32

Number of Records: 1,070,994

Summary Table

Numeric Fields:

Column Name	# of Records	% populated	Unique Values	Mean	Standard Deviation	Minimum Value	Maximum Value	# Zeros
LTFRONT	1070994	100	1297	36.64	74.03	0	9999	169108
LTDEPTH	1070994	100	1370	88.86	76.40	0	9999	170128
STORIES	1014730	94.75	111.00	5.01	8.37	1	119	0
FULLVAL	1070994	100	109324	874264.51	11582430.00	0	6150000000	13007
AVLAND	1070994	100	70921	85067.92	4057260.00	0	2668500000	13009
AVTOT	1070994	100	112914	227238.17	6877529.00	0	4668309000	13007
EXLAND	1070994	100	33419	36423.89	3981576.00	0	2668500000	491699
EXTOT	1070994	100	64255	91186.98	6508403.00	0	4668309000	432572
EXCD1	638488	59.62	129.00	1602.01	1384.23	1010	7170	0
BLDFRONT	1070994	100	612	23.04	35.58	0	7575	228815
BLDDEPTH	1070994	100	621	39.92	42.71	0	9393	228853
AVLAND2	282726	26.40	58591	246235.72	6178963.00	3	2371005000	0
AVTOT2	282732	26.40	111360	713911.44	11652530.00	3	4501180000	0
EXLAND2	87449	8.17	22195	351235.68	10802210.00	1	2371005000	0
EXTOT2	130828	12.22	48348	656768.28	16072510.00	7	4501180000	0

Categorical Fields:

Column Name	# of Records	% populated	Unique Values	Most Common Field Value
RECORD	1070994	100.00	1070994	N/A
BBLE	1070994	100.00	1070994	N/A
B	1070994	100.00	5	4
BLOCK	1070994	100.00	13984	3944.00
LOT	1070994	100.00	6366	1.00
EASEMENT	4636	0.43	13	E
OWNER	1039249	97.04	863347	PARKCHESTER PRESERVAT
BLDGCL	1070994	100.00	200	R4
TAXCLASS	1070994	100.00	11	1
EXT	354305	33.08	3	G
ZIP	1041104	97.21	196.00	10314.00
EXCD1	638488	59.62	129.00	1017.00
STADDR	1070318	99.94	839281	501 SURF AVENUE
EXMPTCL	15579	1.45	15	X1
EXCD2	92948	8.68	60	1017
PERIOD	1070994	100.00	1	FINAL
YEAR	1070994	100.00	1	2010/11
VALTYPE	1070994	100.00	1	AC-TR

Data Field Exploration:

Field 1:

Name: Record

Description: Unique identifier of each entry in the data.

Field 2:

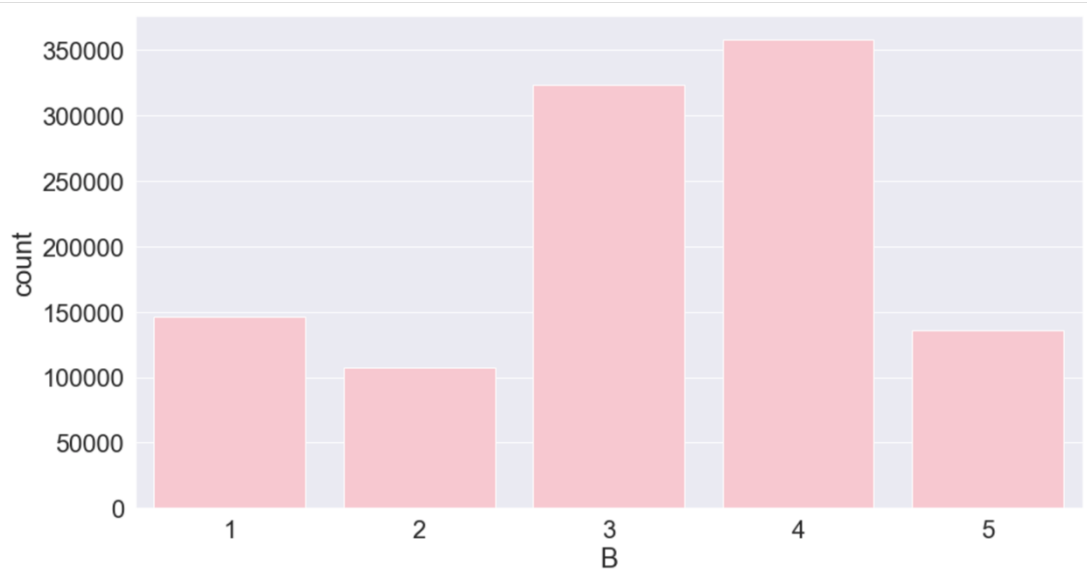
Name: BBLE

Description: Concatenation of borough code, block code and lot.

Field 3:

Name: B

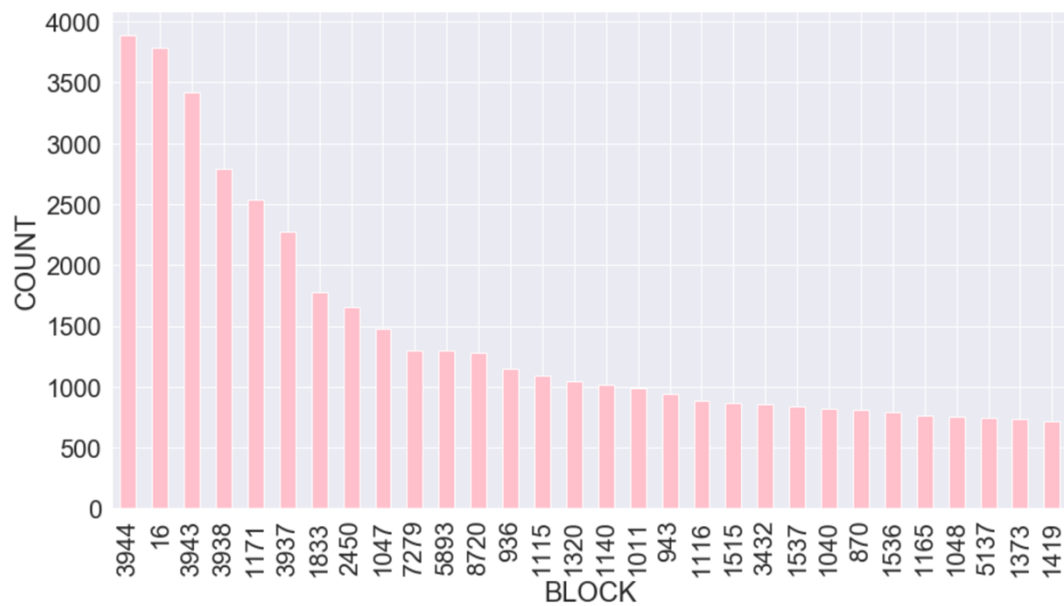
Description: Borough Code



Field 4:

Name: BLOCK

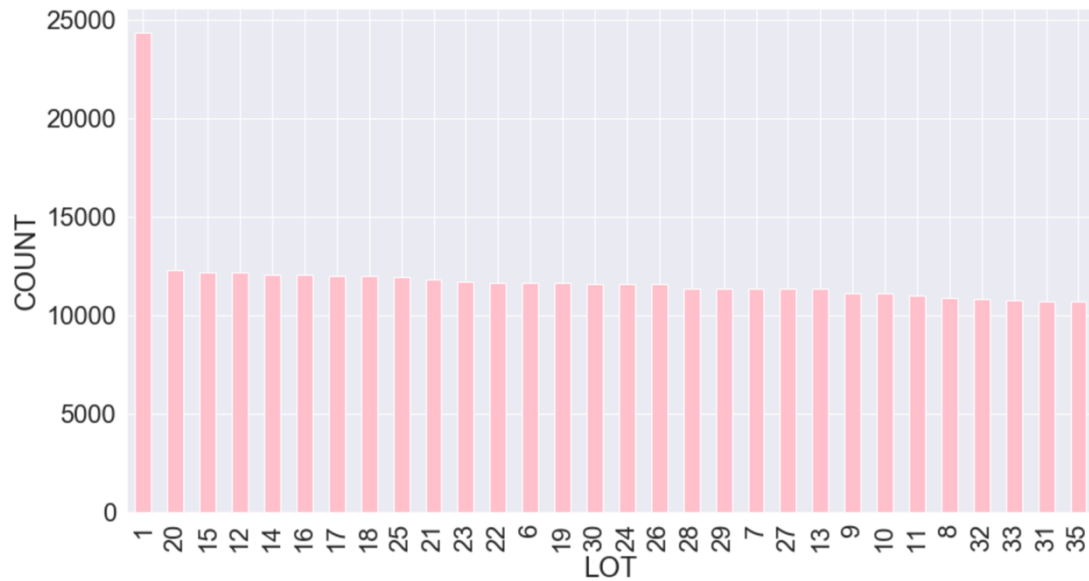
Description: Valid block ranges by borough. Manhattan 1 To 2,255, Bronx 2,260 To 5,958
Brooklyn 1 To 8,955 Queens 1 To 16,350, Staten Island 1 To 8,050.



Field 5:

Name: LOT

Description: Unique number within a borough or block.



Field 6:

Name: EASEMENT

Description: Field that is used to describe easement.

'A' Indicates the portion of the Lot that has an Air Easement.

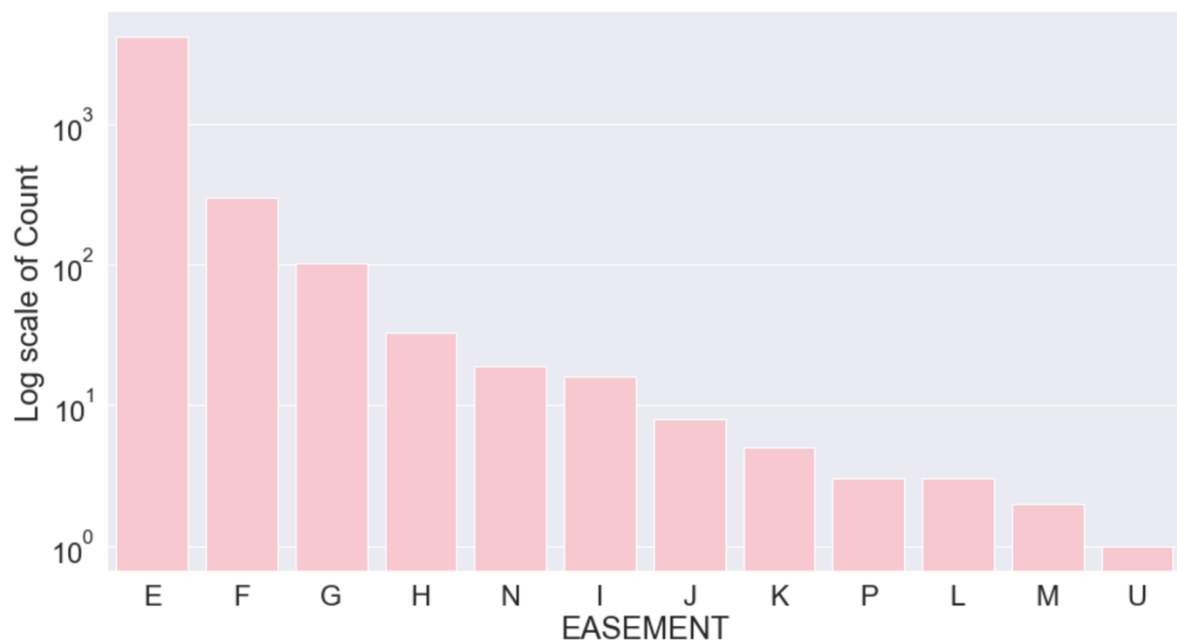
'B' Indicates Non-Air Rights.

'E' Indicates the portion of the lot that has a Land Easement.

'F' THRU 'M' Are duplicates of 'E'.

'P' Indicates Piers. 'R' Indicates Railroads.

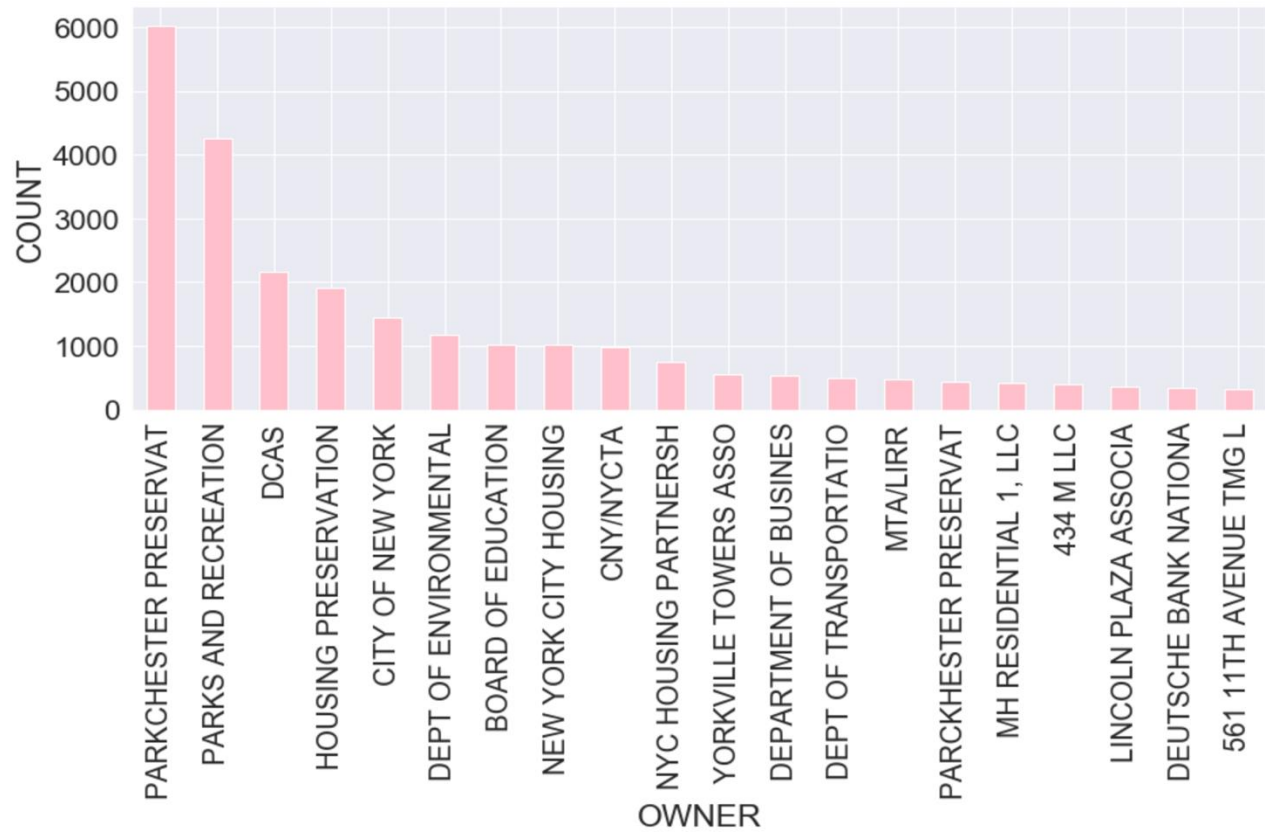
'U' Indicates U.S Government



Field 7:

Name: OWNER

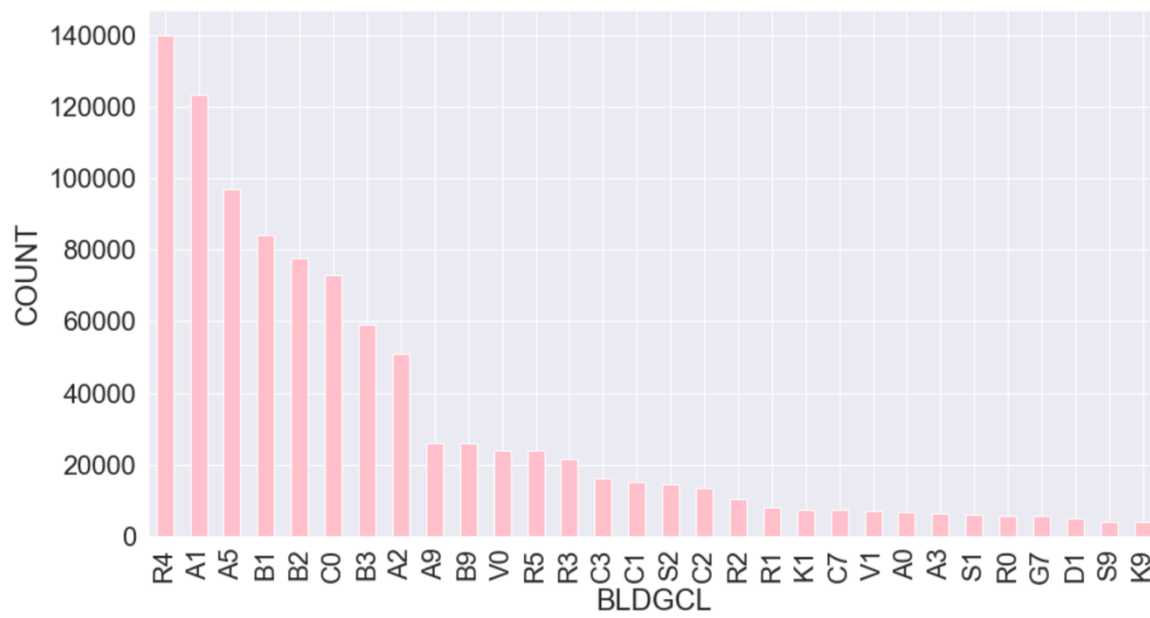
Description: Owner's Name



Field 8:

Name: BLDGCL

Description: Building Class



Field 9:

Name: TAXCLASS

Description: Current Property tax class code. 1 = 1-3 Unit Residences, 1a = 1-3 Story Condominiums, 1b = Residential Vacant Land, 1c = 1-3 Unit Condominiums Originally Tax Class 1, 1d = Select Bungalow Colonies, 2 = Apartments, Tax Class 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.



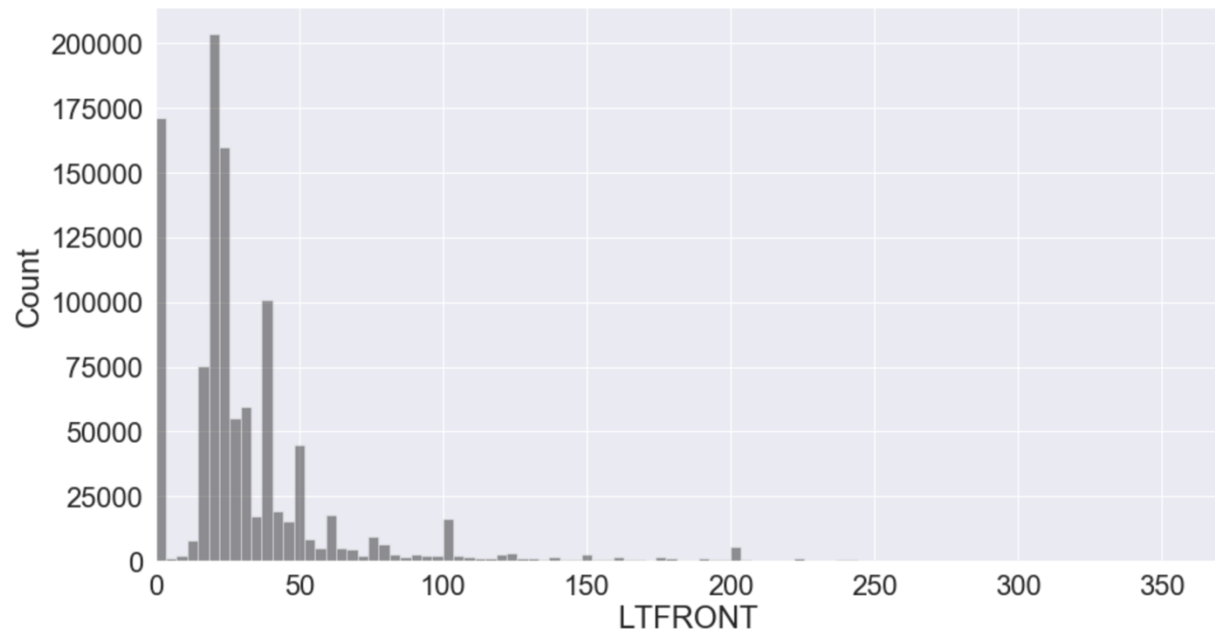
Field 10:

Name: LTFRONT

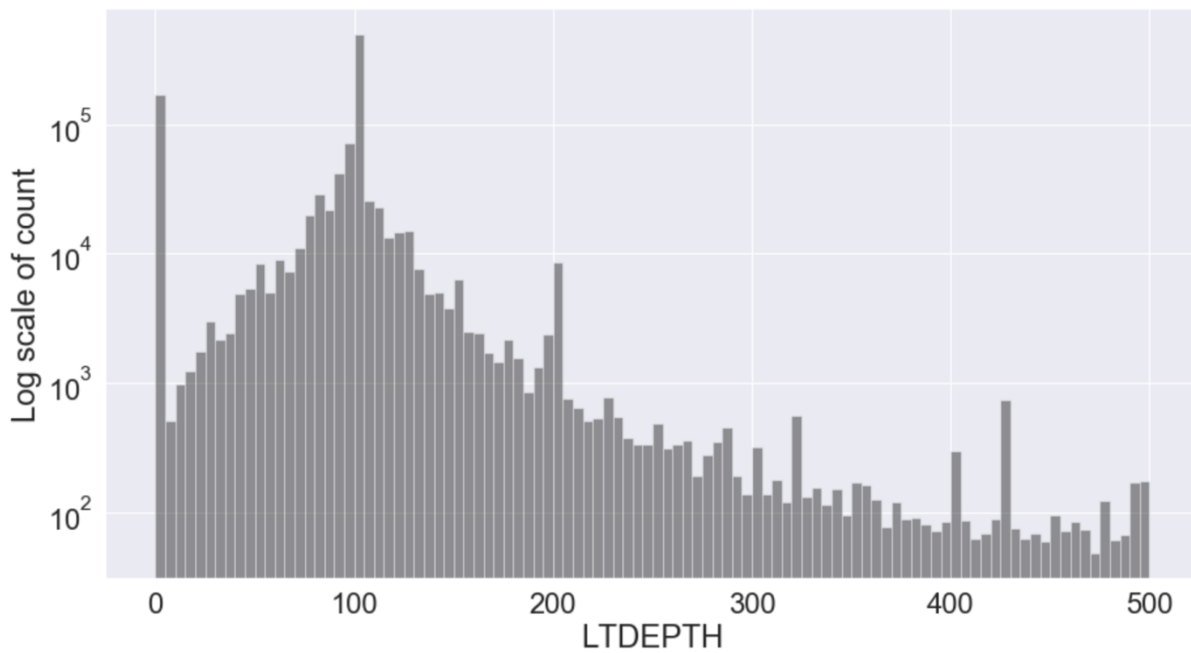
Description: Lot frontage in feet

Exclude outliers > 370

Data in histogram is 99.45 % populated

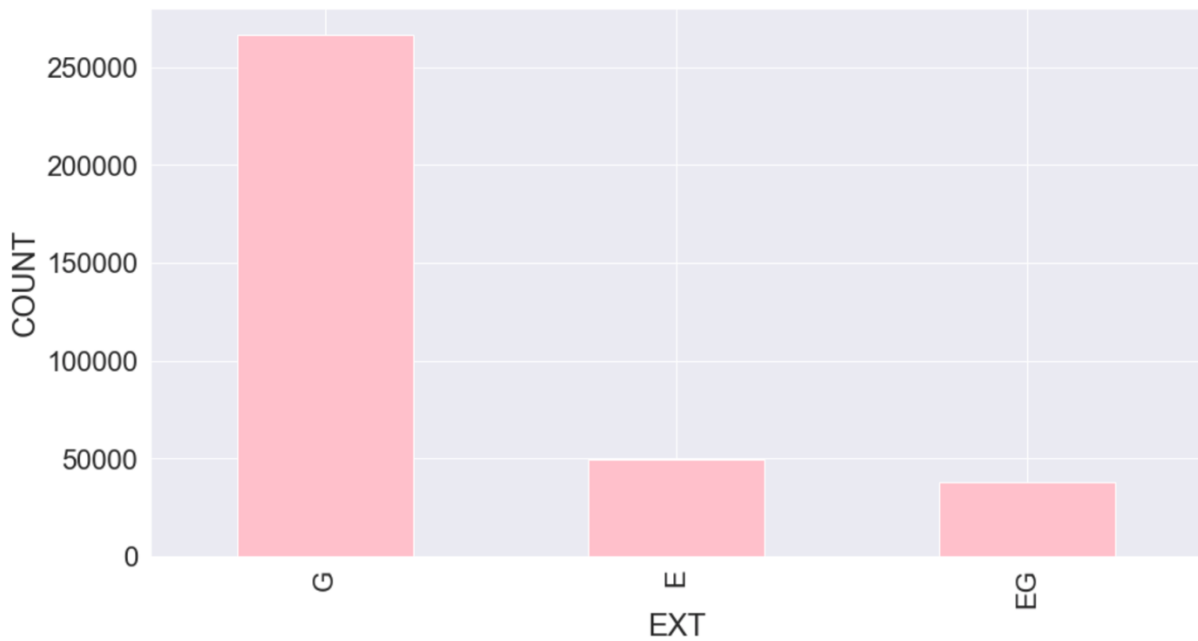


Field 11:
 Name: LTDEPTH
 Description: Lot depth in feet
 Exclude outliers > 500
 Data in histogram is 99.67 % populated



Field 12:
 Name: EXT

Description: Extension. 'V' If the building is irregular shaped, 'E' = Extension, 'G' = Garage, 'EG' = Extension and Garage.



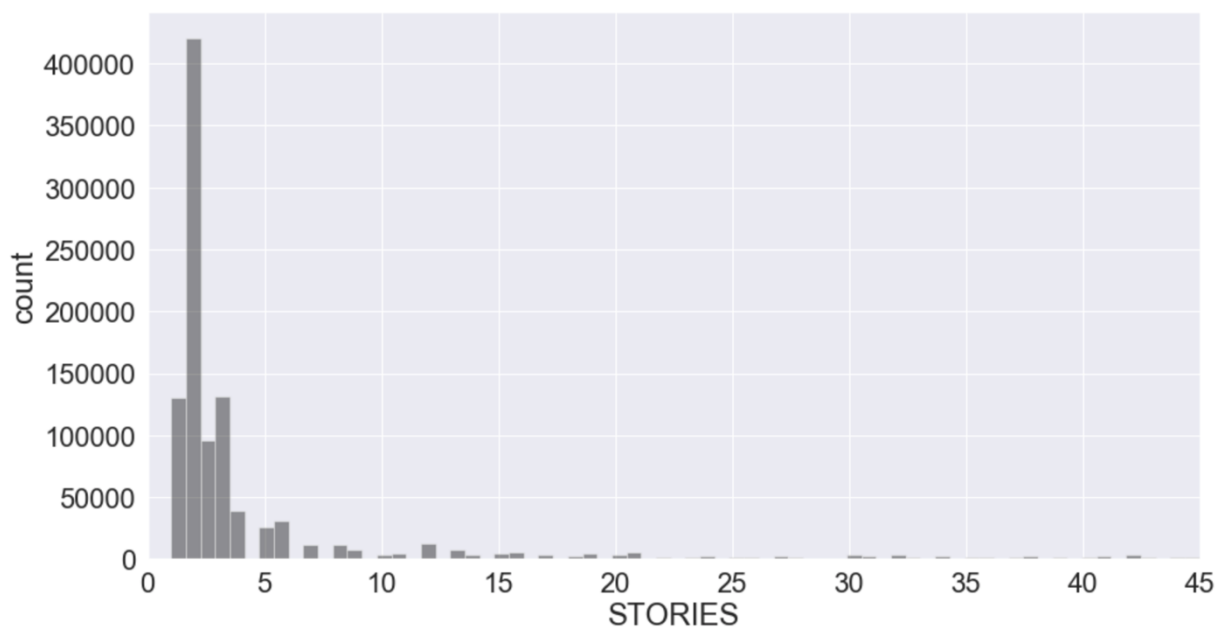
Field 13:

Name: STORIES

Description: The number of stories for the building.

Exclude outliers > 45

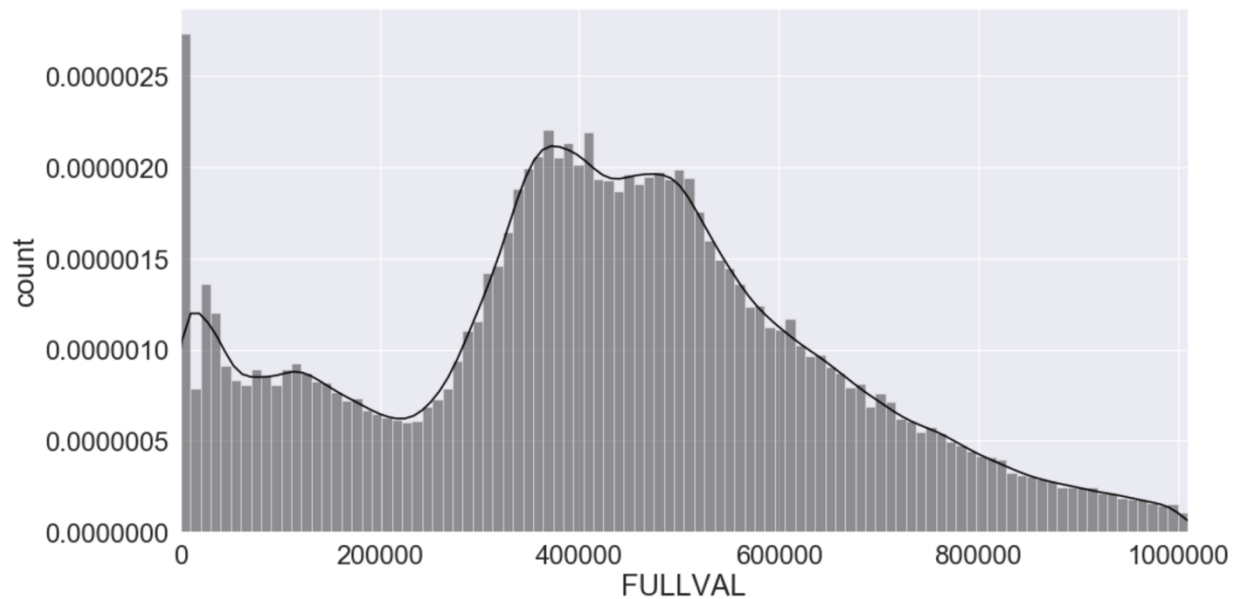
Data in histogram is 99.16 % populated



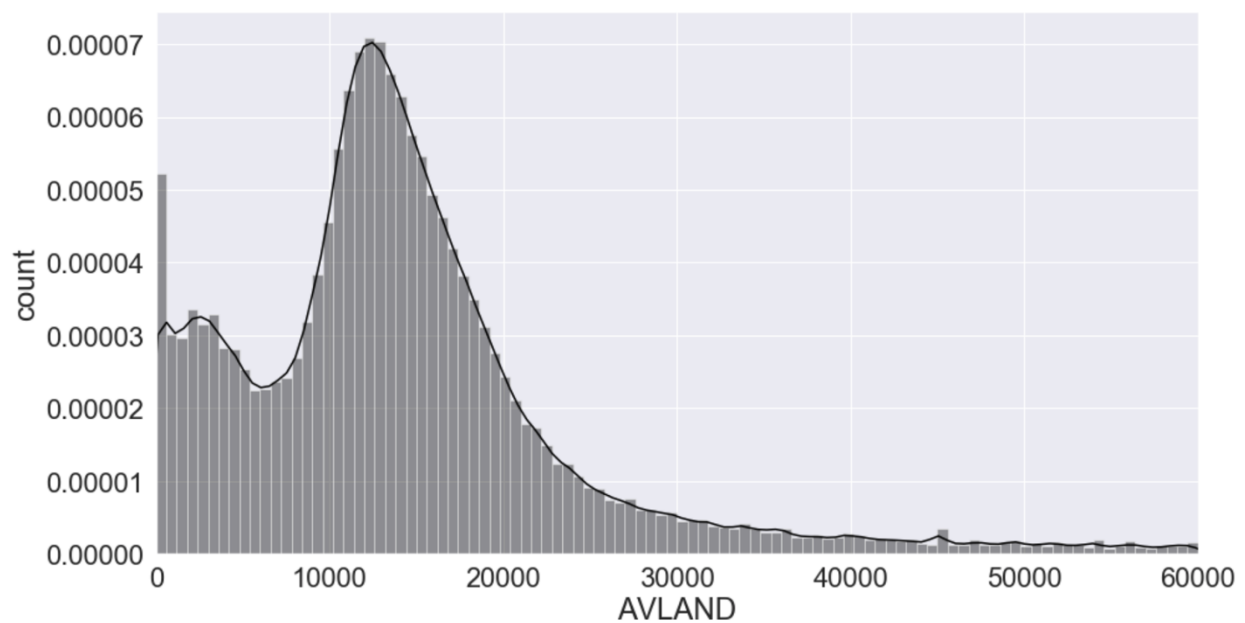
Field 14:

Name: FULLVAL

Description: Total market value of the land
Exclude outliers > 1009999
Data in histogram is 91.41 % populated



Field 15:
Name: AVLAND
Description: Assessed land value
Exclude outliers > 60000
Data in histogram is 91.61 % populated



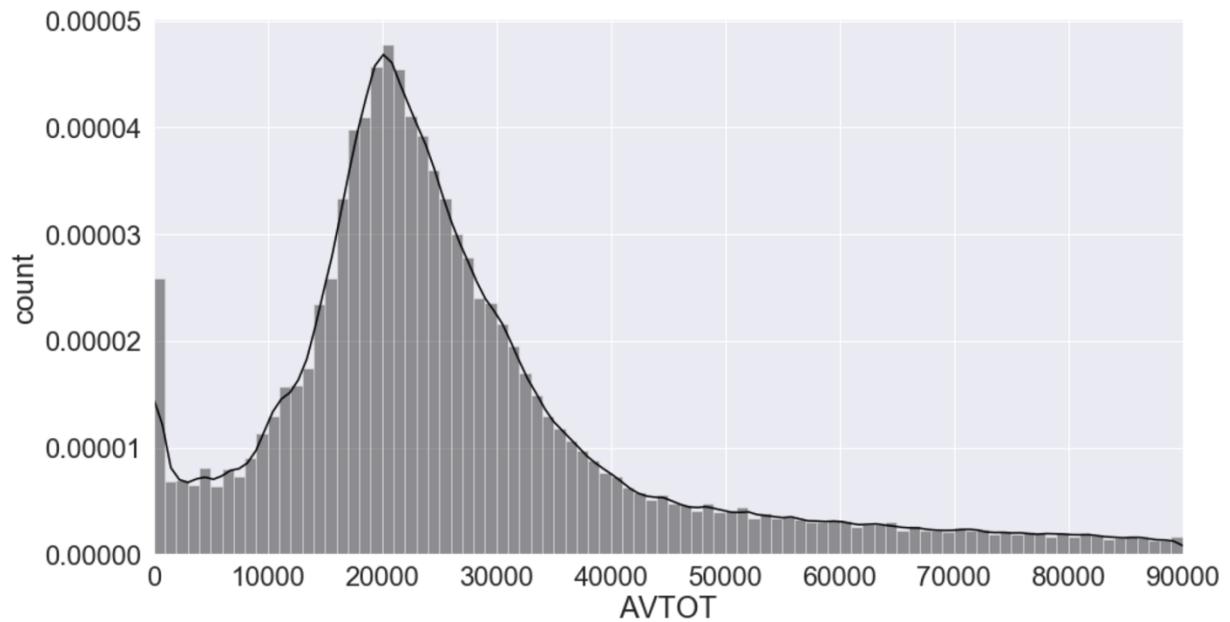
Field 16:

Name: AVTOT

Description: Assessed total value

Exclude outliers > 90000

Data in histogram is 84.98 % populated



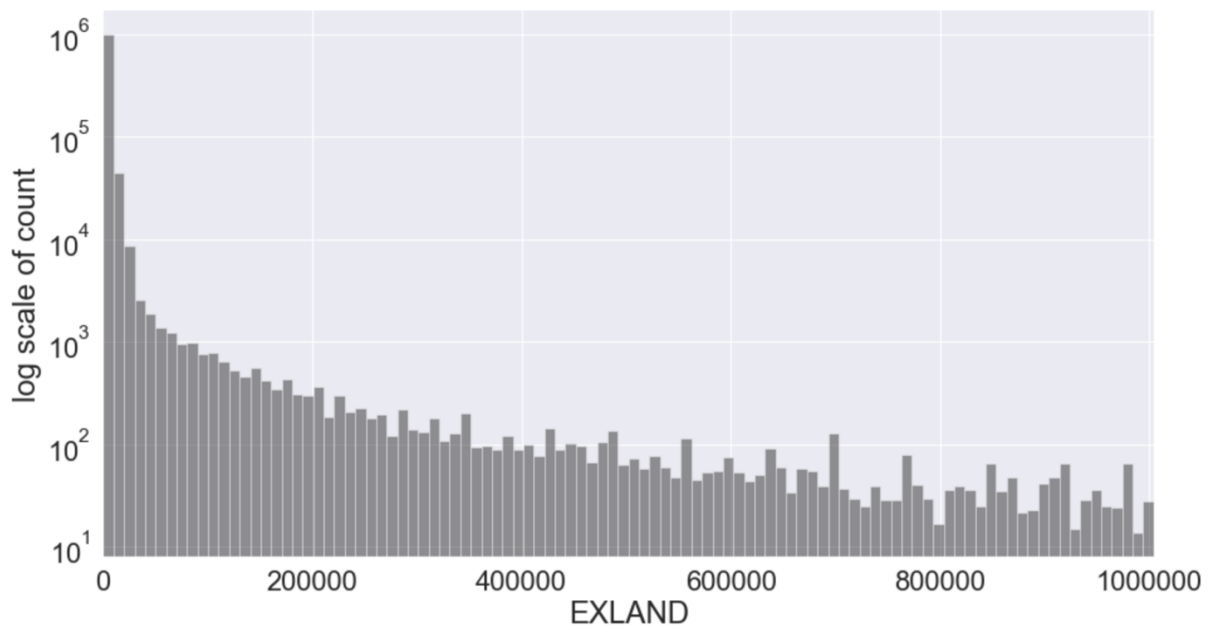
Field 17:

Name: EXLAND

Description: Exempt land value

Exclude outliers > 1005000

Data in histogram is 99.62 % populated



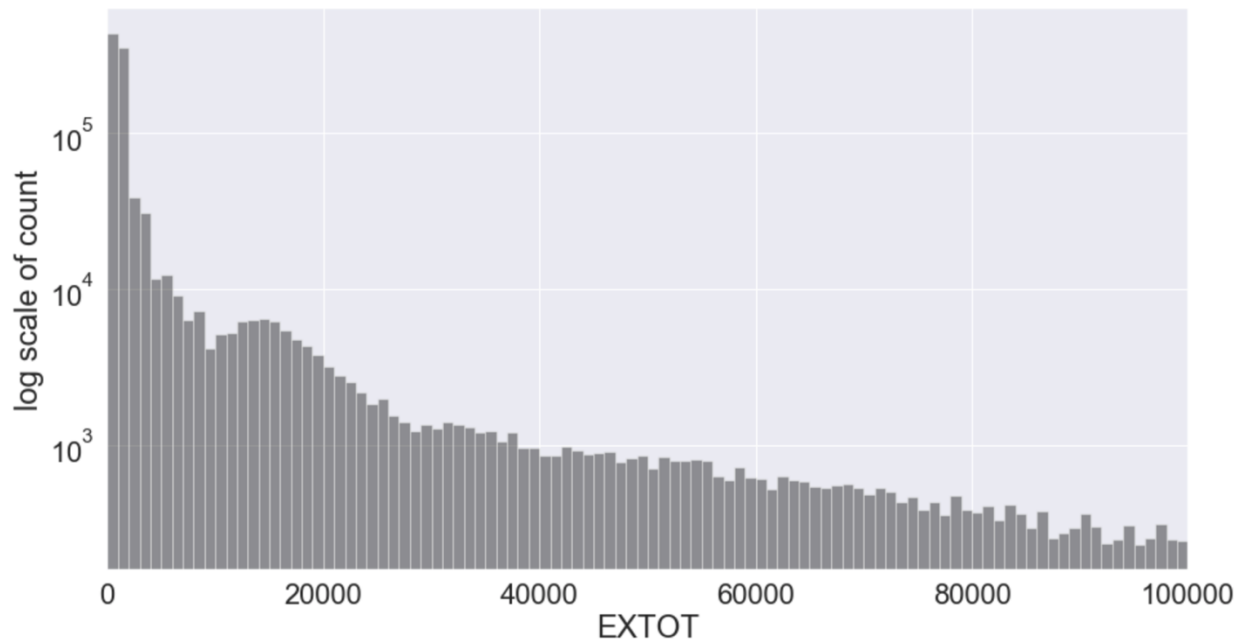
FIELD 18:

Name: EXTOT

Description: Exempt total value

Exclude outliers > 100000

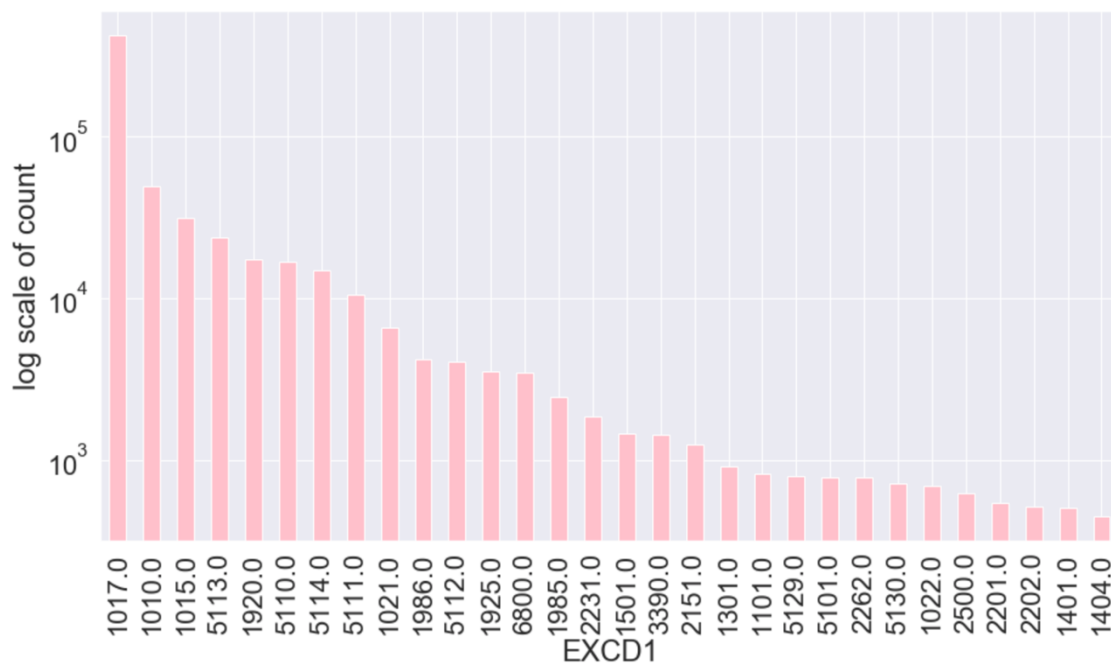
Data in histogram is 96.44 % populated



Field 19:

Name: EXCD1

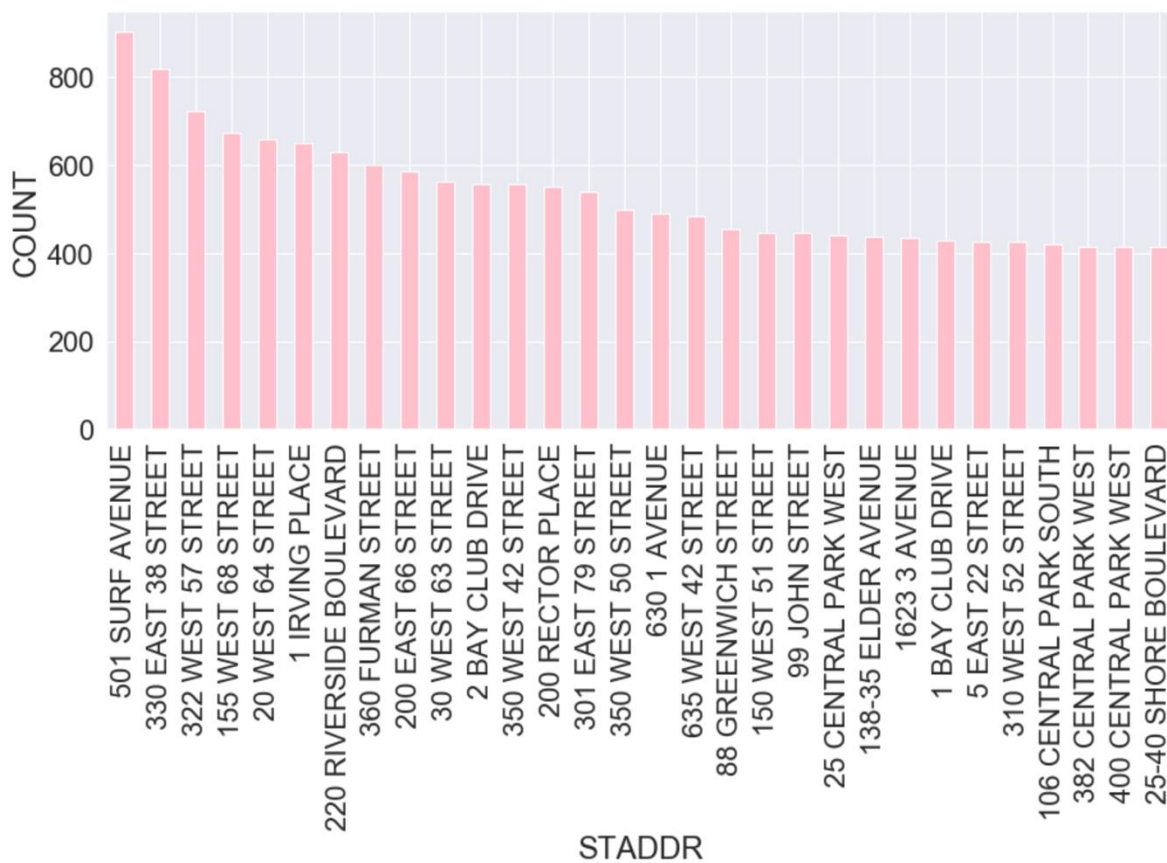
Description:



Field 20:

Name: STADDR

Description: Street name for the property.



Field 21:

Name: ZIP

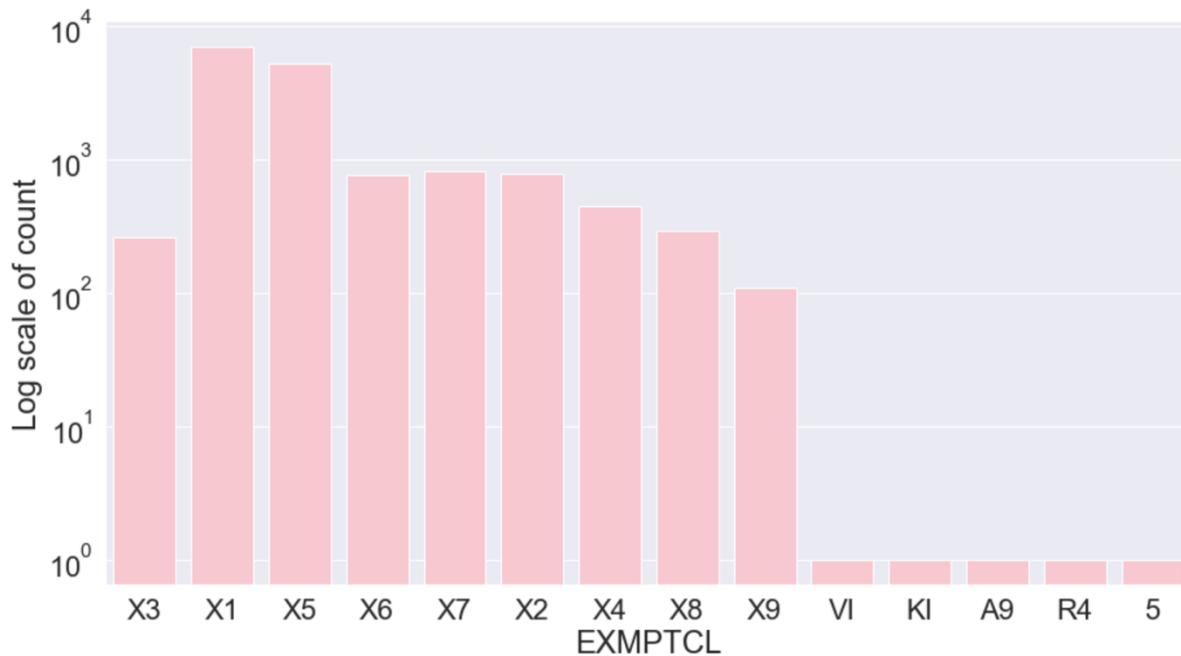
Description: Postal zip code of the property



Field 22:

Name: EXMPTCL

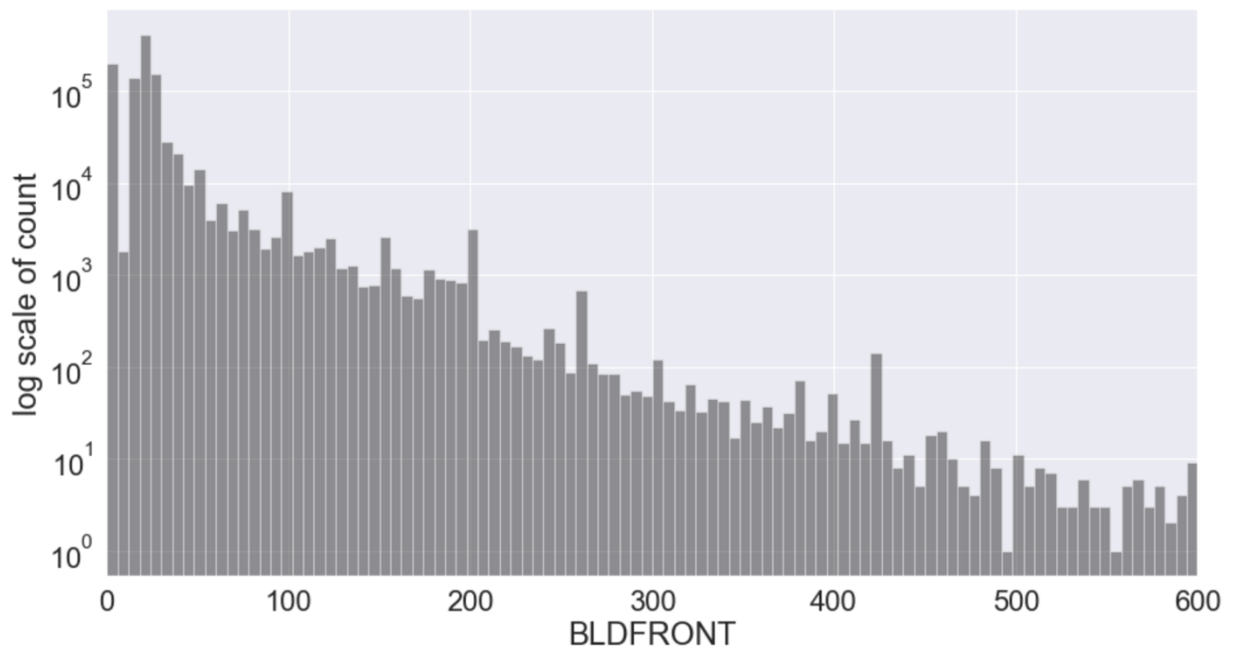
Description: Exempt Class used for fully exempt properties only.



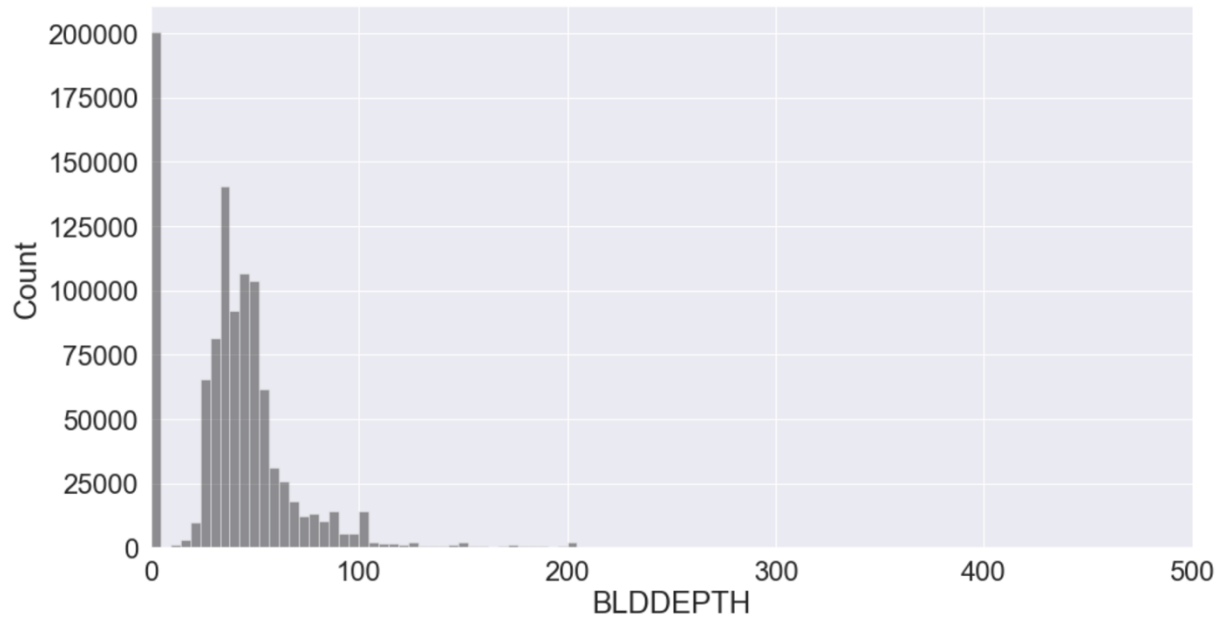
Field 23:

Name: BLDFRONT

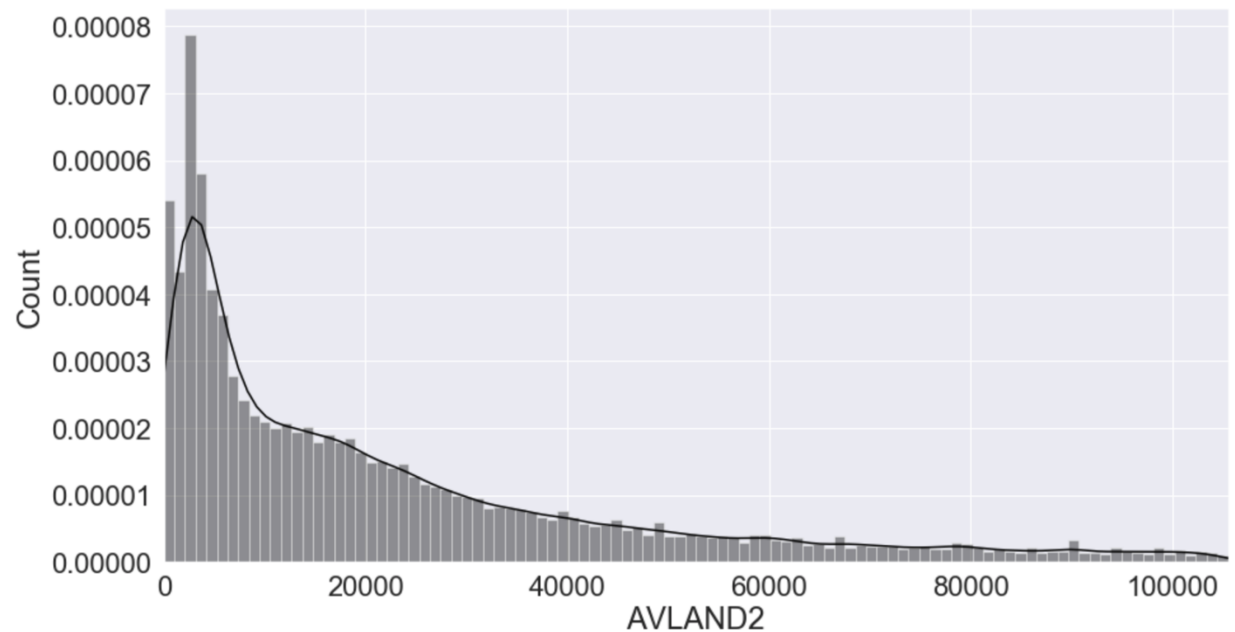
Description: Building frontage in feet
Exclude outliers > 600
Data in histogram is 97.19 % populated



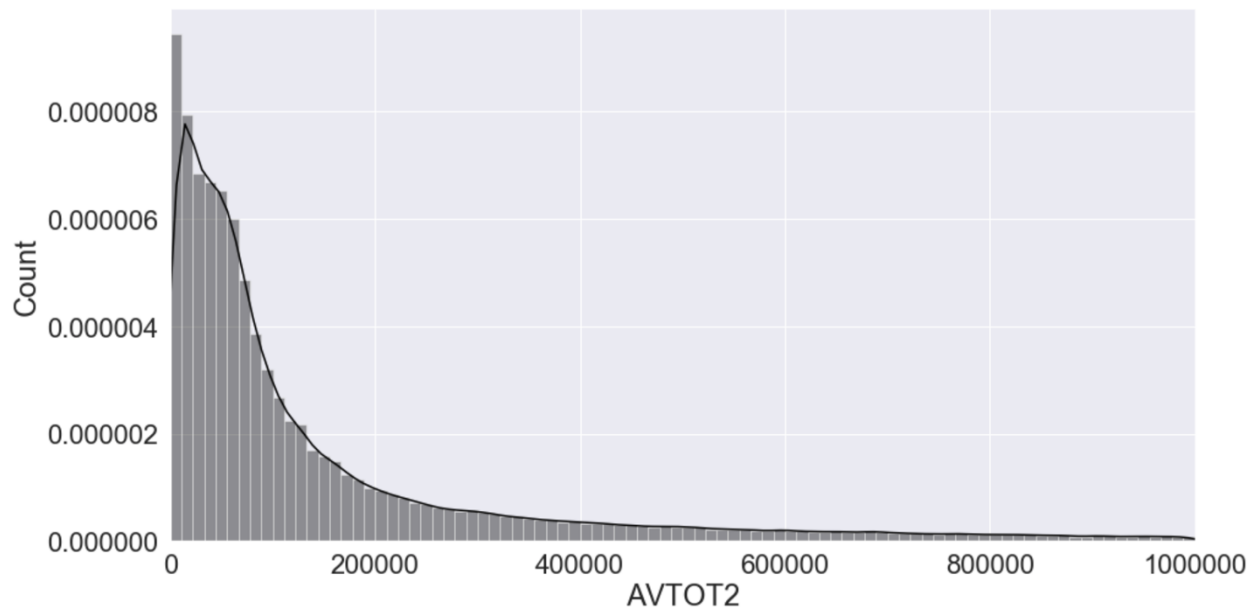
Field 24:
Name: BLDDEPTH
Description: Lot depth in feet
Exclude outliers > 500
Data in histogram is 97.13 % populated



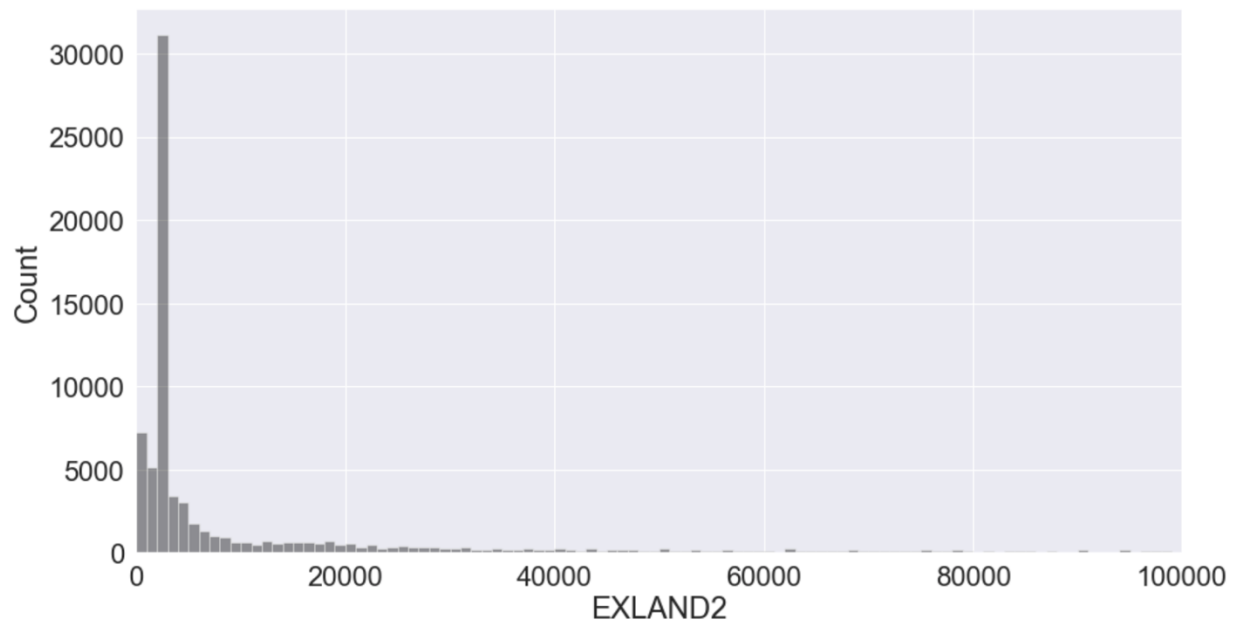
Field 25:
 Name: AVLAND2
 Description: New market value of land
 Exclude outliers > 105500
 Data in histogram is 81.93 % populated



Field 26:
 Name: AVTOT2
 Description: New total market value
 Exclude outliers > 1000000
 Data in histogram is 91.61 % populated

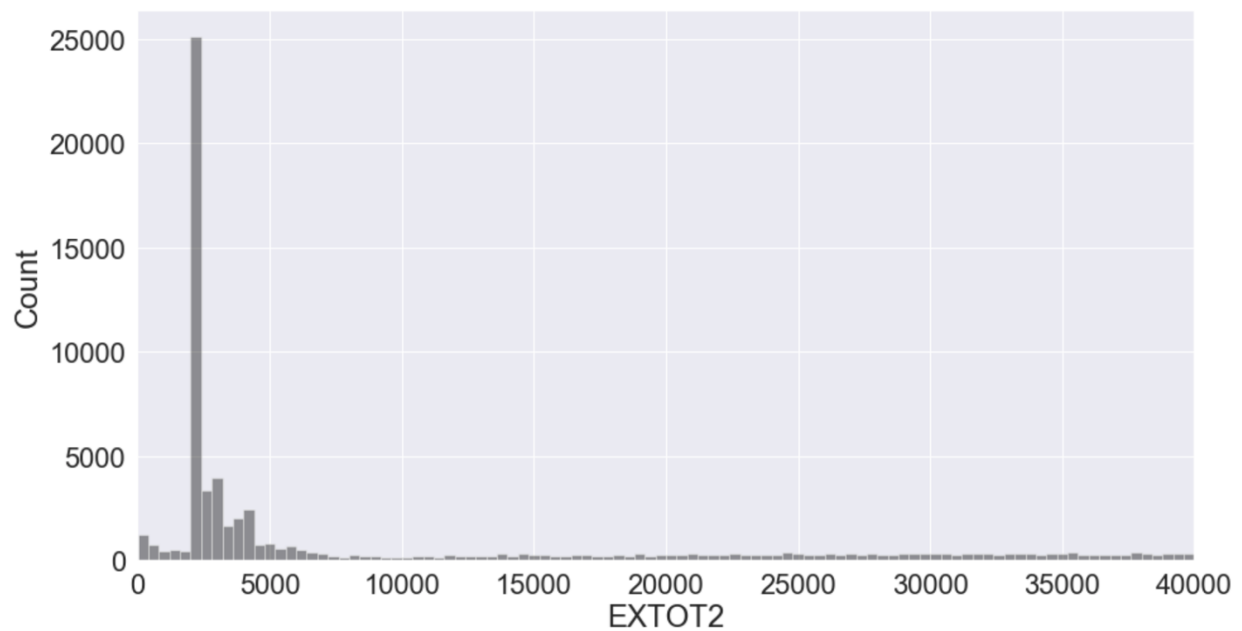


Field 27:
 Name: EXLAND2
 Description: New exempt land value
 Exclude outliers > 100000
 Data in histogram is 84.00 % populated



Field 28:
 Name: EXTOT2
 Description: New exempt total value
 Exclude outliers > 40000

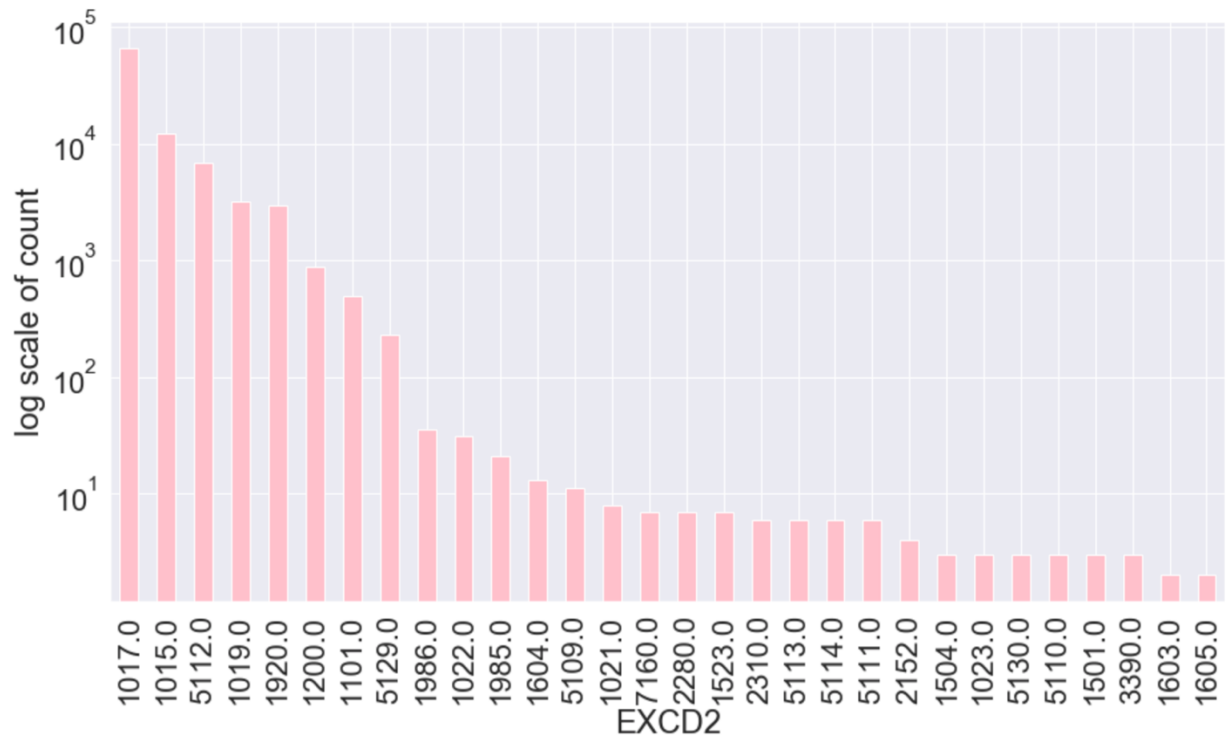
Data in histogram is 51.75 % populated



Field 29:

Name: EXCD2

Description:



Field 30:

Name: PERIOD

Description: Indicator for the change of period of file. All records have the same value.

Field 31:

Name: YEAR

Description: Year when the data was most recently updated. All records have the same value.

Field 32:

Name: VALTYPE

Description: The parcel's values are reflected in another lot. All records have the same value.