

DATA QUALITY REPORT

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1. Dataset Description

Name: Property Valuation and Assessment Data

Source: New York City (NYC) Government, OpenData

Creator: Department of Finance, NYC Government

Purpose of data: Department of Finance values properties every year for calculating property tax bills

Number of fields: 32

Number of records: 1070994

Time period: 11/2010

2. Dataset Summary

i) **Categorical fields:**

| Field name | % populated | # unique value | Most common value |
|------------|-------------|----------------|----------------------------|
| RECORD | 100.00% | 1070994 | NA |
| BBLE | 100.00% | 1070994 | NA |
| BORO | 100.00% | 5 | 4 |
| BLOCK | 100.00% | 13984 | 3944 |
| LOT | 100.00% | 6366 | 1 |
| EASEMENT | 0.43% | 13 | 'E' |
| OWNER | 97.04% | 863348 | 'PARKCHESTER PRESERVAT' |
| BLDGCL | 100.00% | 200 | 'R4' |
| TAXCLASS | 100.00% | 11 | 1 |
| EXT | 33.08% | 3 | 'G' |
| EXCD1 | 59.62% | 129 | 1017 |
| STADDR | 99.94% | 839281 | '501 SURF AVENUE' |
| ZIP | 97.21% | 197 | 10314 |
| EXMPTCL | 1.45% | 15 | 'X1' |
| EXCD2 | 8.68% | 60 | 1017 |

| | | | |
|---------|---------|---|-----------|
| PERIOD | 100.00% | 1 | 'FINAL' |
| YEAR | 100.00% | 1 | '2010/11' |
| VALTYPE | 100.00% | 1 | 'AC-TR' |

ii) **Numerical** fields:

| Field name | % populated | Min | Max | Mean | StDev | % Zero |
|------------|-------------|-----|------------|-----------|-------------|--------|
| LTFRONT | 100.00% | 0 | 9999 | 36.63 | 74.03 | 15.79% |
| LTDEPTH | 100.00% | 0 | 9999 | 88.86 | 76.39 | 15.89% |
| STORIES | 94.75% | 1 | 119 | 5 | 8.36 | 0.00% |
| FULLVAL | 100.00% | 0 | 6150000000 | 874264.5 | 11582430.9 | 1.21% |
| AVALAND | 100.00% | 0 | 2668500000 | 85067.91 | 4057260.05 | 1.21% |
| AVTOT | 100.00% | 0 | 4668308947 | 227238.16 | 6877529.3 | 1.21% |
| EXLAND | 100.00% | 0 | 2668500000 | 36423.89 | 3981575.79 | 45.91% |
| EXTOT | 100.00% | 0 | 4668308947 | 91186.98 | 6508402.81 | 40.39% |
| BLDFRONT | 100.00% | 0 | 7575 | 23.04 | 35.5 | 21.36% |
| BLDDEPTH | 100.00% | 0 | 9393 | 39.92 | 42.7 | 21.37% |
| AVLAND2 | 26.40% | 3 | 2371005000 | 246235.71 | 6178962.56 | 0.00% |
| AVTOT2 | 26.40% | 3 | 4501180002 | 713911.43 | 11652528.94 | 0.00% |
| EXLAND2 | 8.17% | 1 | 2371005000 | 351235.68 | 10802212.67 | 0.00% |
| EXTOT2 | 12.22% | 7 | 4501180002 | 656768.28 | 16072510.17 | 0.00% |

3. Fields Exploration

Field 1

Name: RECORD

Description: Integer row number of the record

Field 2

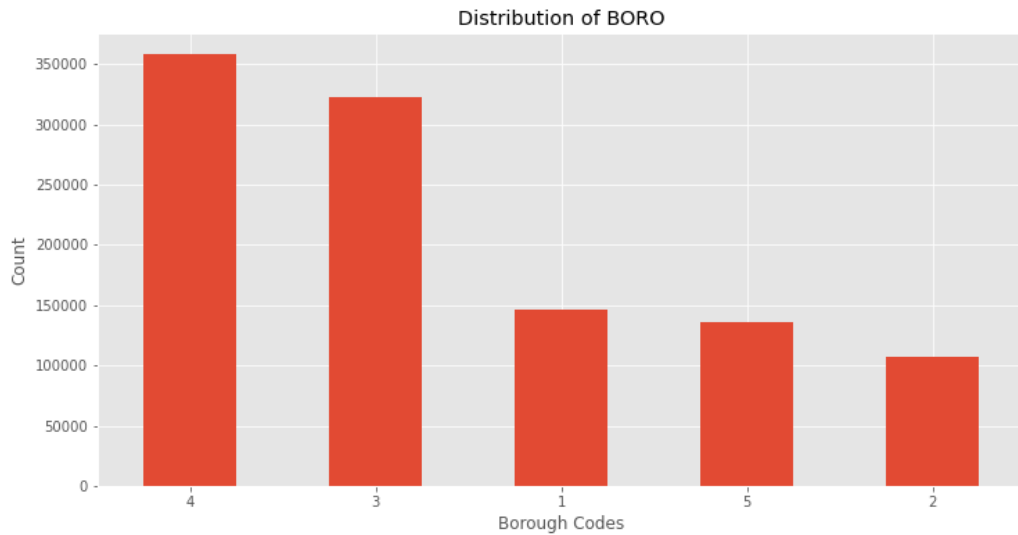
Name: BBLE

Description: A unique identifier for each record consists of the combination of Borough code, Block code and number.

Field 3

Name: BORO

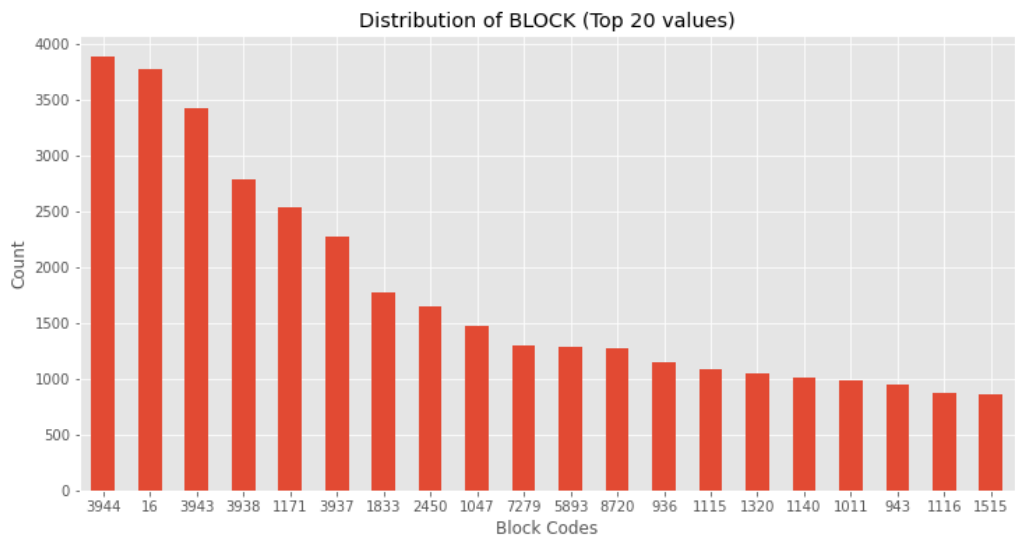
Description: Code for NYC Borough; 1 = Manhattan, 2 = Bronx, 3 = Brooklyn, 4 = Queens, 5 = Staten Island.



Field 4

Name: BLOCK

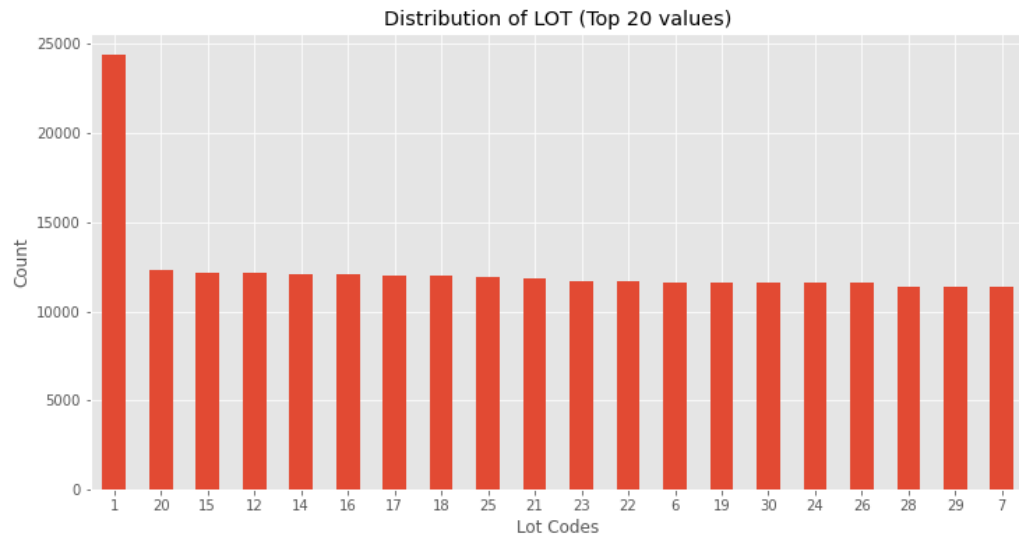
Description: Block code by Borough; Manhattan: 1 to 2255, Bronx: 2260 to 5958, Brooklyn: 1 to 8955, Queens: 1 to 16350, Staten Island: 1 to 8050



Field 5:

Name: LOT

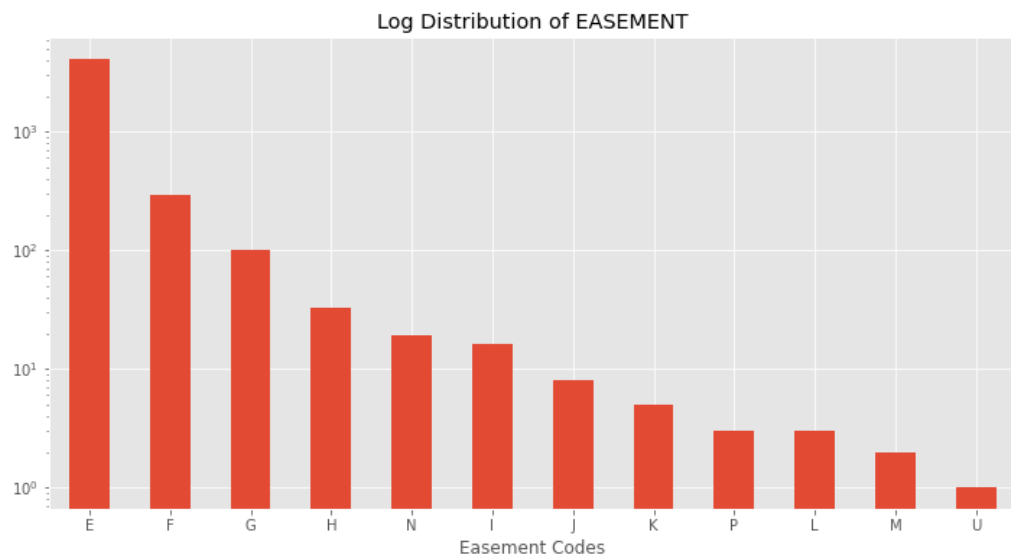
Description: Lot number within the block



Field 6:

Name: EASEMENT

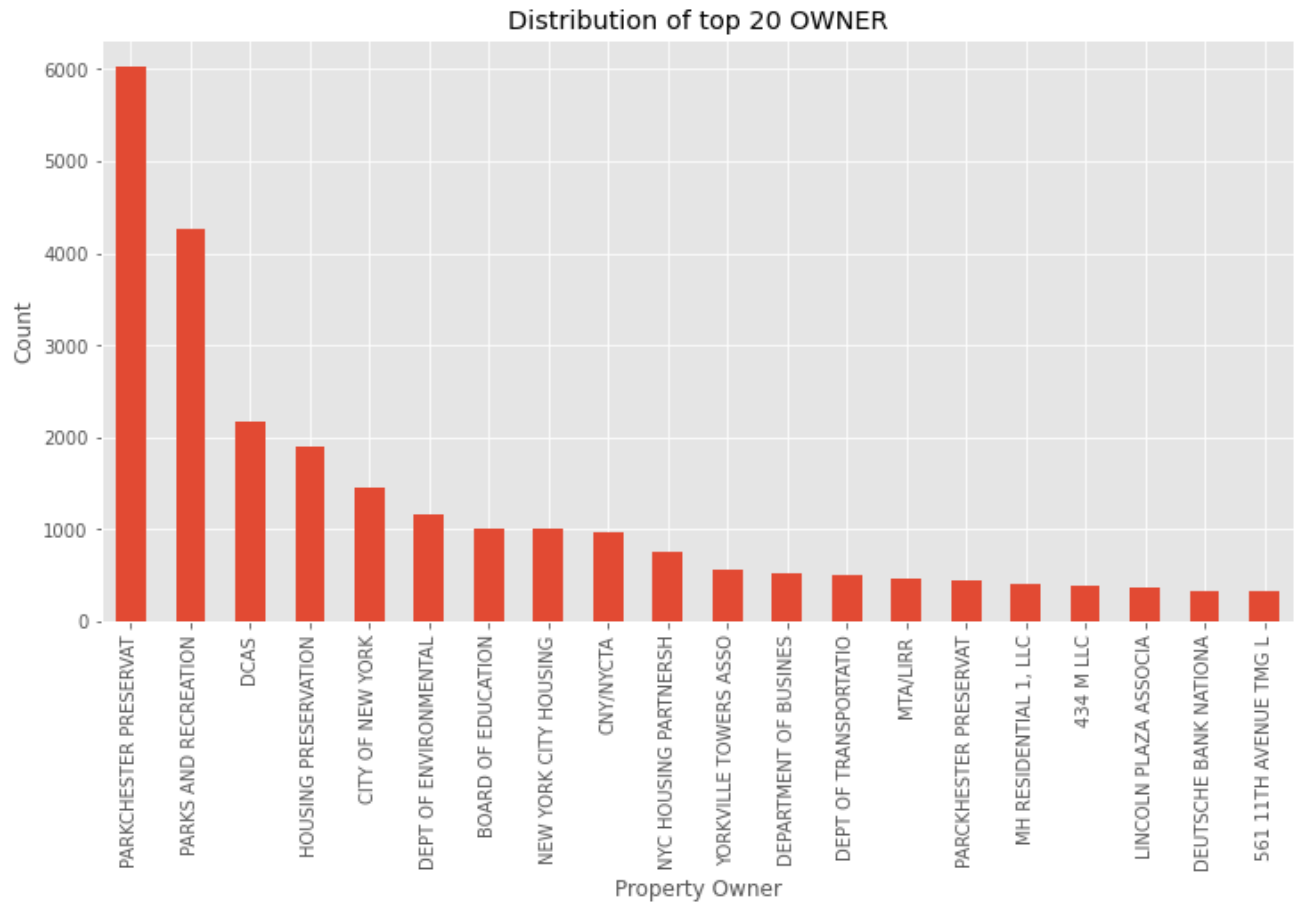
Description: Code indicating different types of easement; Space = No Easement, A = Air Easement, B = Non-Air Rights, E = Land Easement, F Thru M are duplicates of E, N = Non-Transit Easement, P = Pier, R = Railroad, S = Street, U = U.S. Government



Field 7:

Name: OWNER

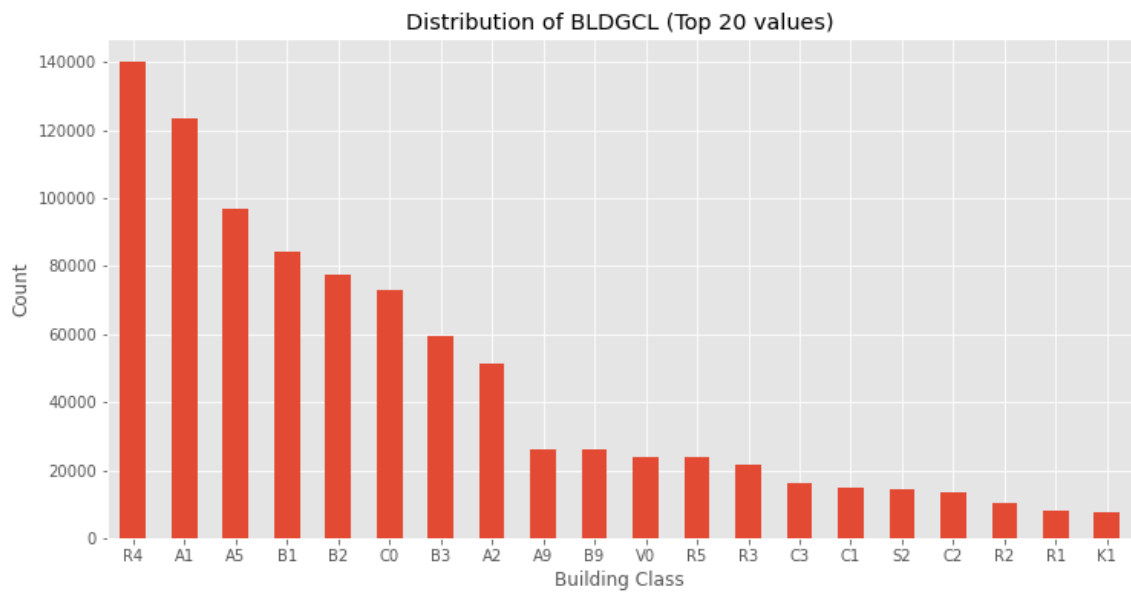
Description: Name of owner



Field 8

Name: BLDGCL

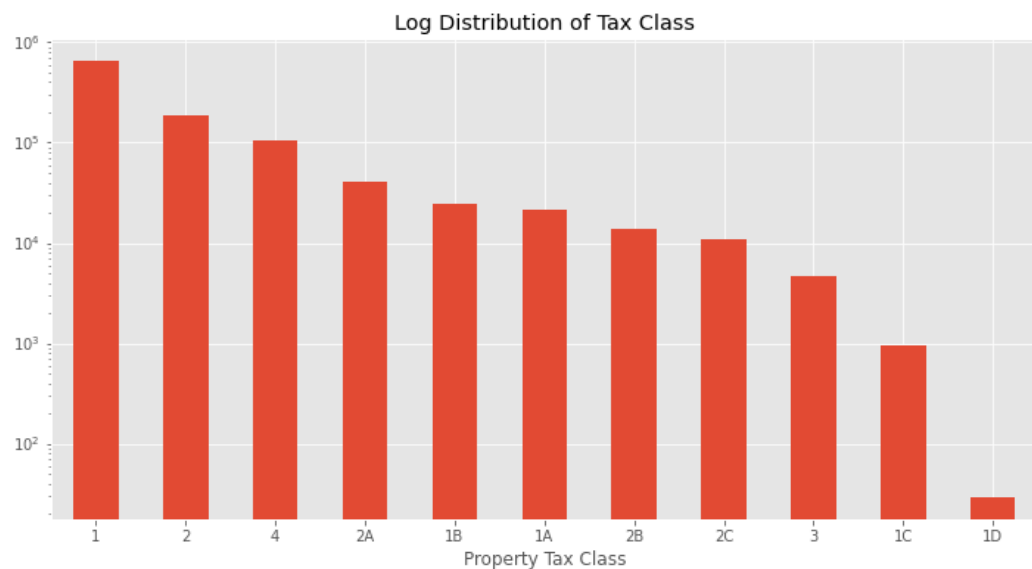
Description: Building Class



Field 9

Name: TAXCLASS

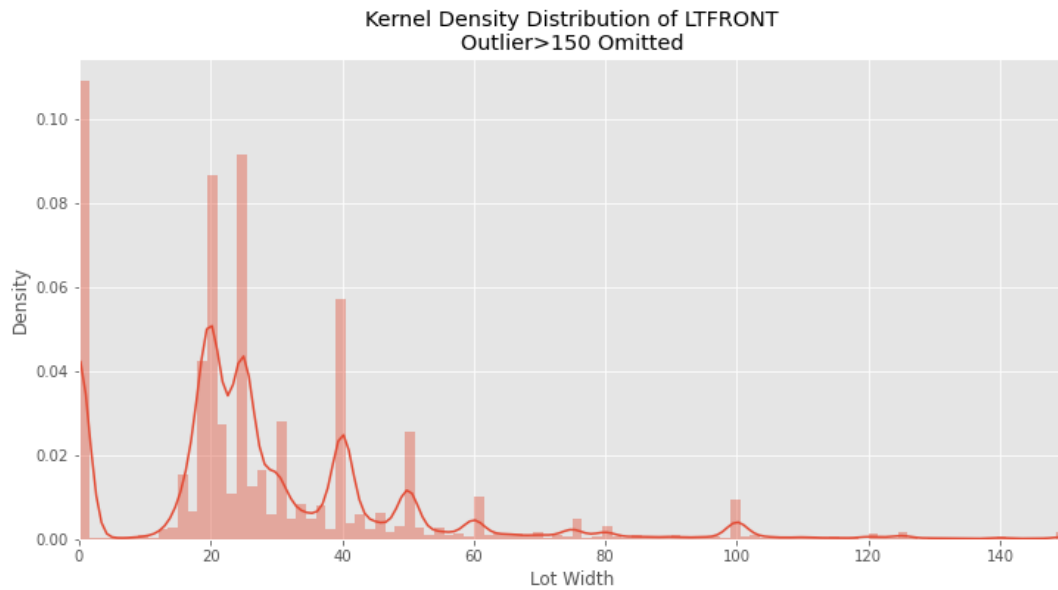
Description: Different classes of property tax; 1 = 1-3 Unit Residence, 2 = Apartments, 2A = 4, 5, or 6 Units, 3 = Utilities, 4 = All Others



Field 10

Name: LTFRONT

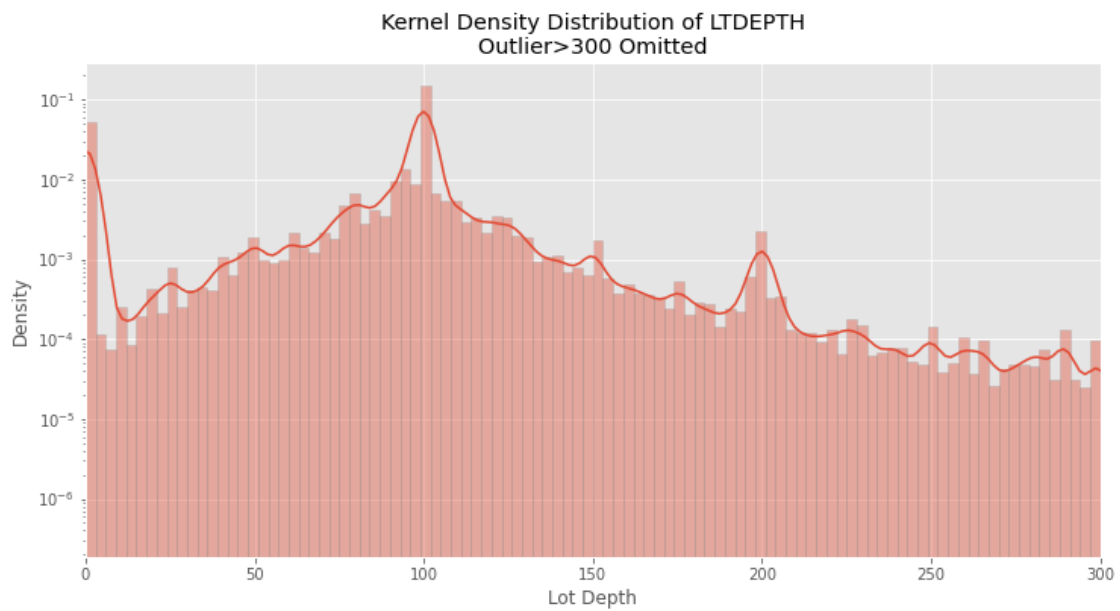
Description: Lot width



Field 11

Name: LTDEPTH

Description: Lot depth



Field 12

Name: EXT

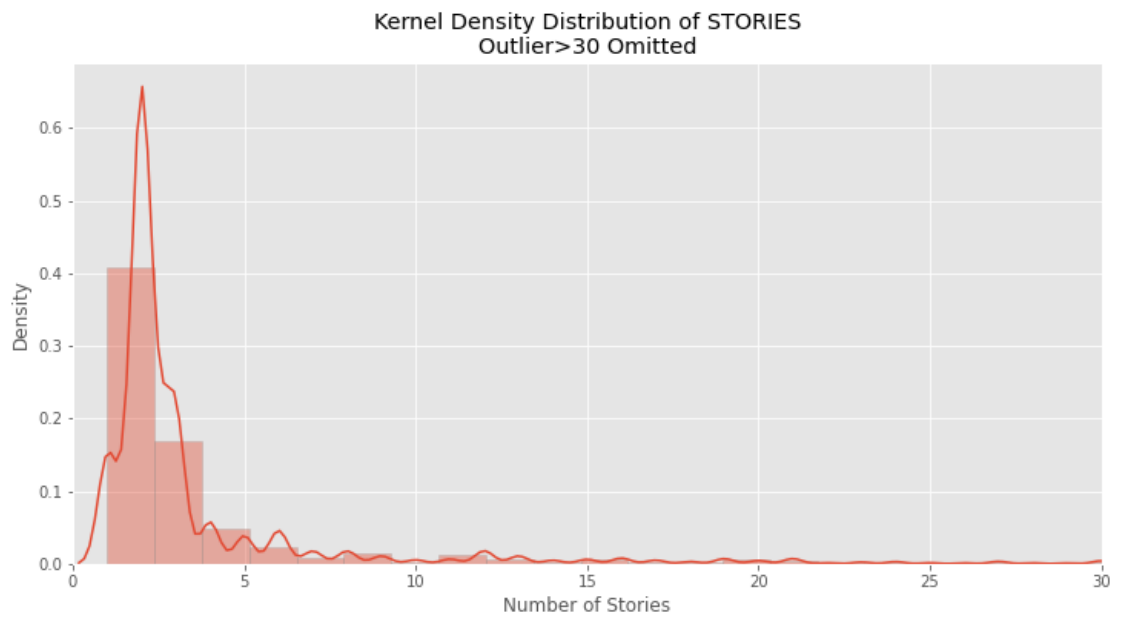
Description: Extension indicator



Field 13

Name: STORIES

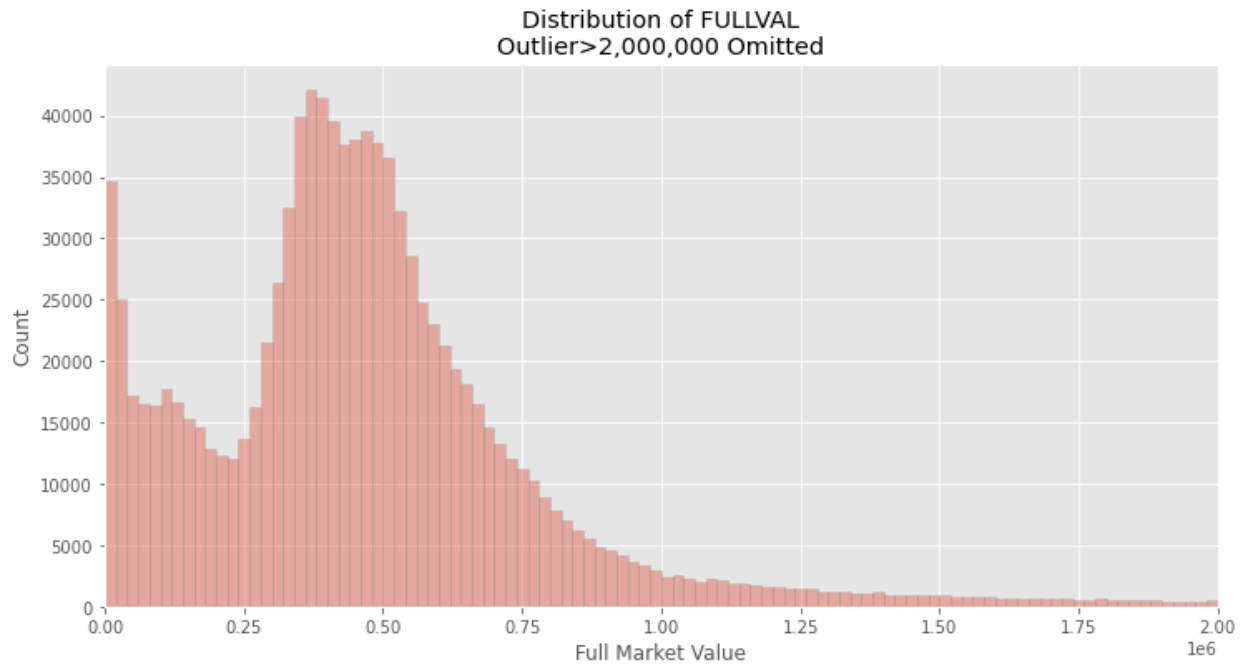
Description: Number of stories in building



Field 14

Name: FULLVAL

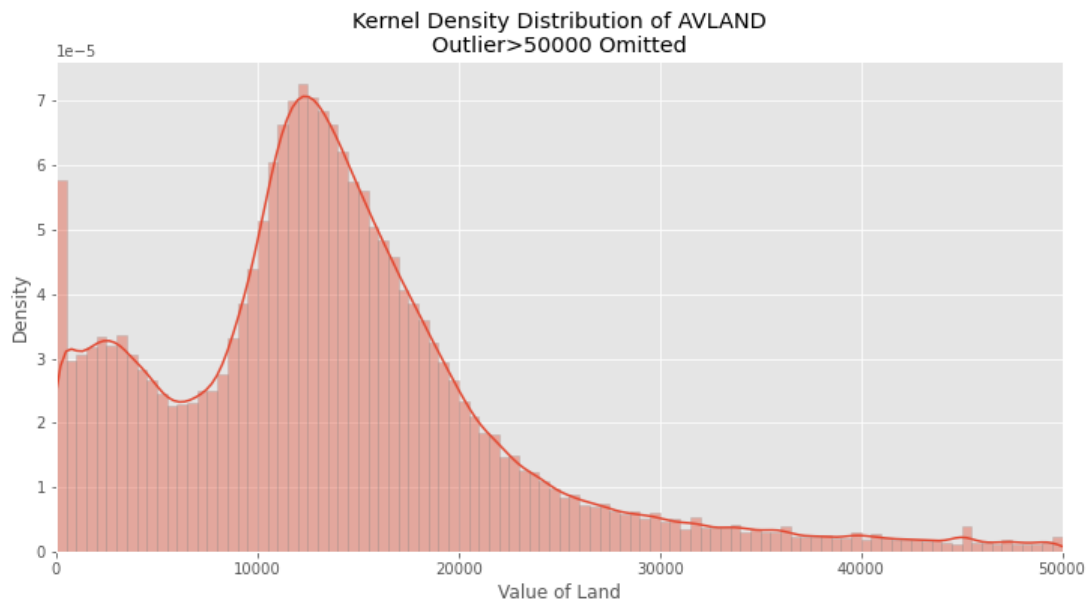
Description: Market value



Field 15

Name: AVLAND

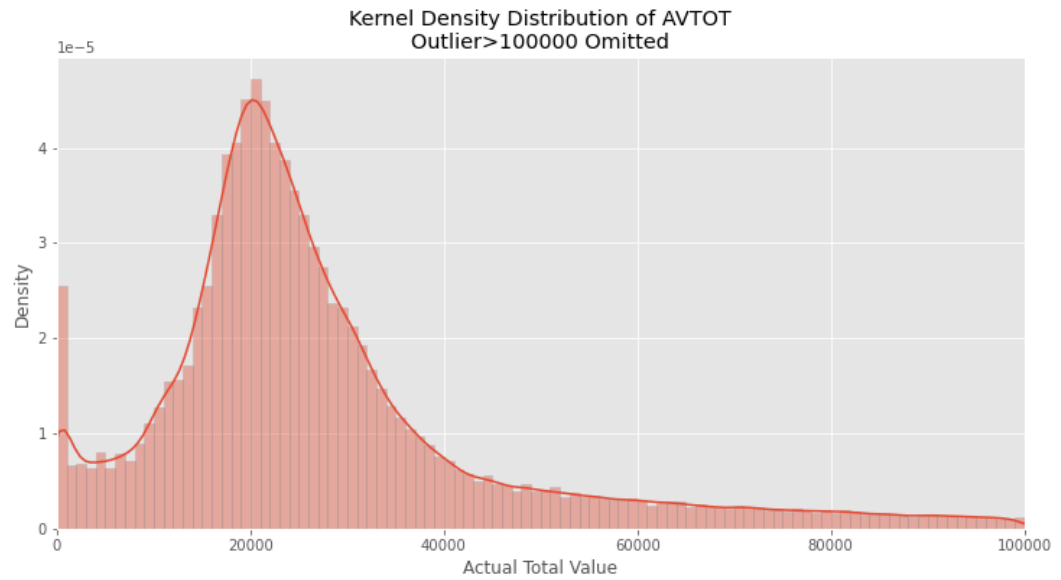
Description: Actual value of the land



Field 16

Name: AVTOT

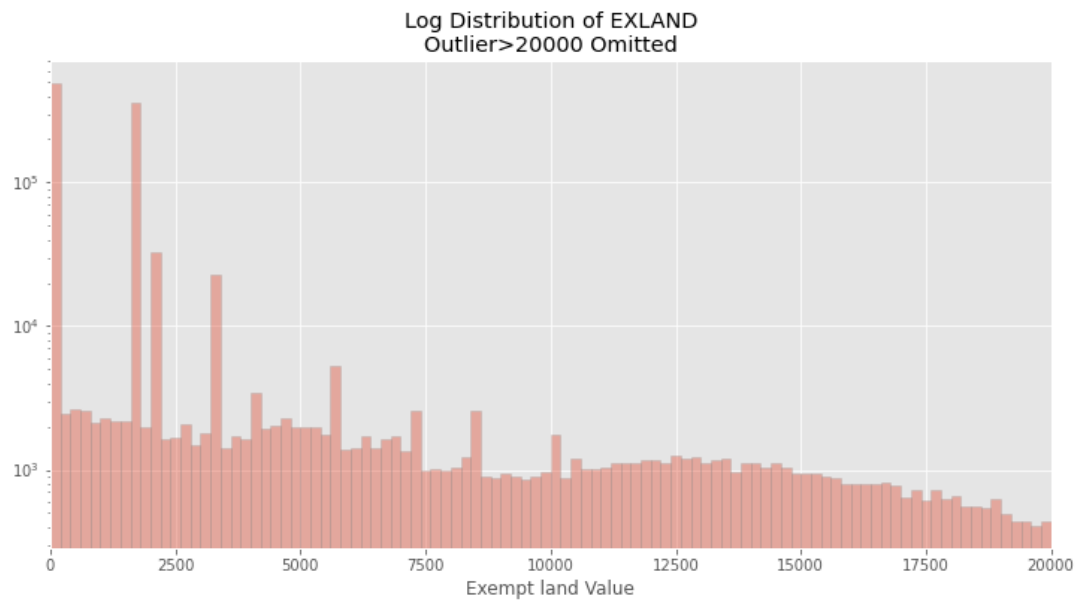
Description: Actual total value



Field 17

Name: EXLAND

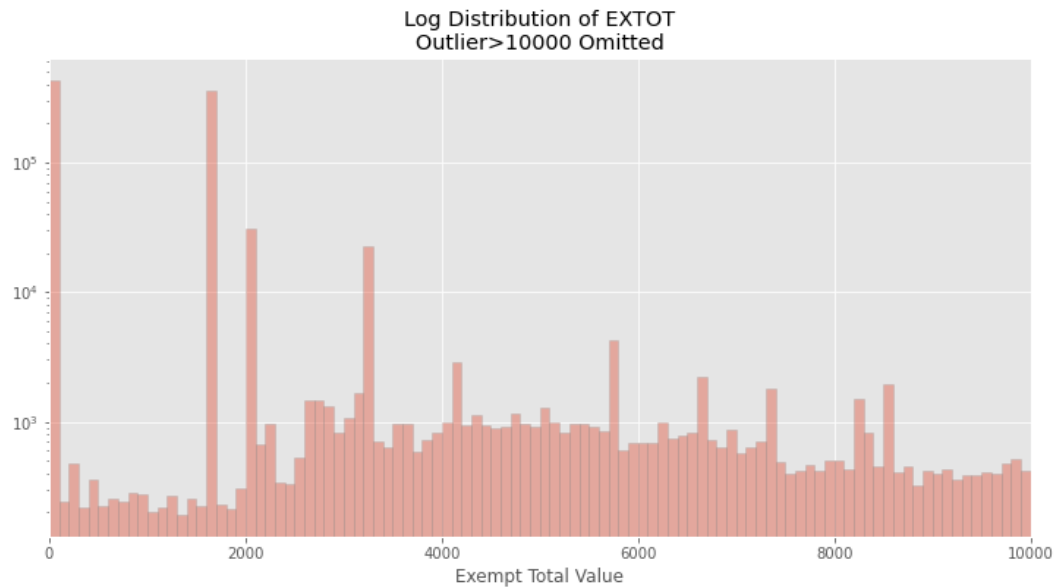
Description: Actual exempt land value



Field 18

Name: EXTOT

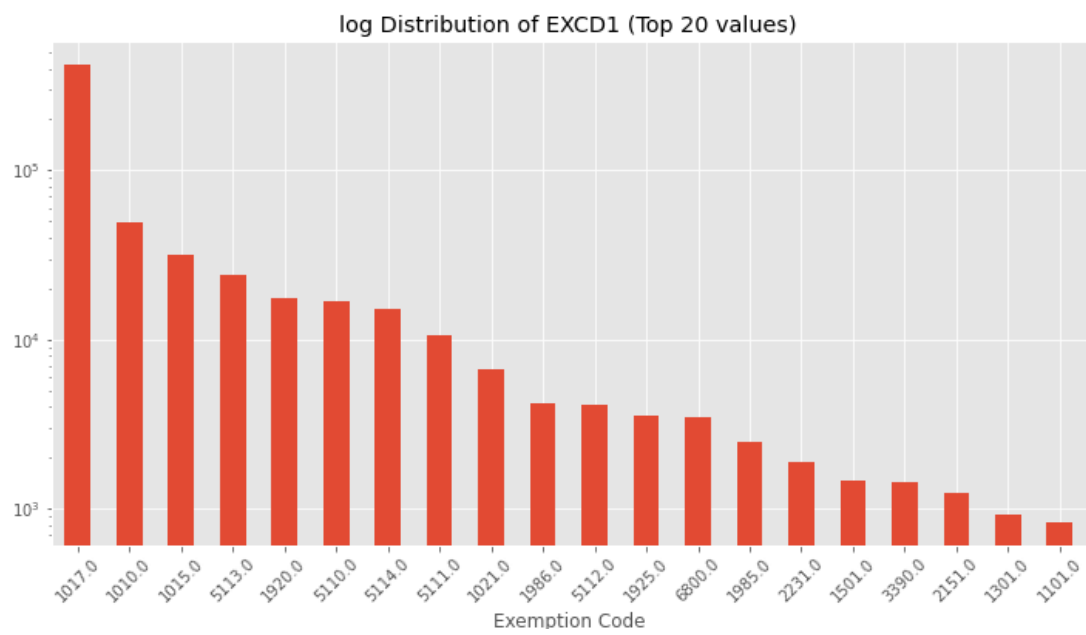
Description: Actual exempt land total



Field 19

Name: EXCD1

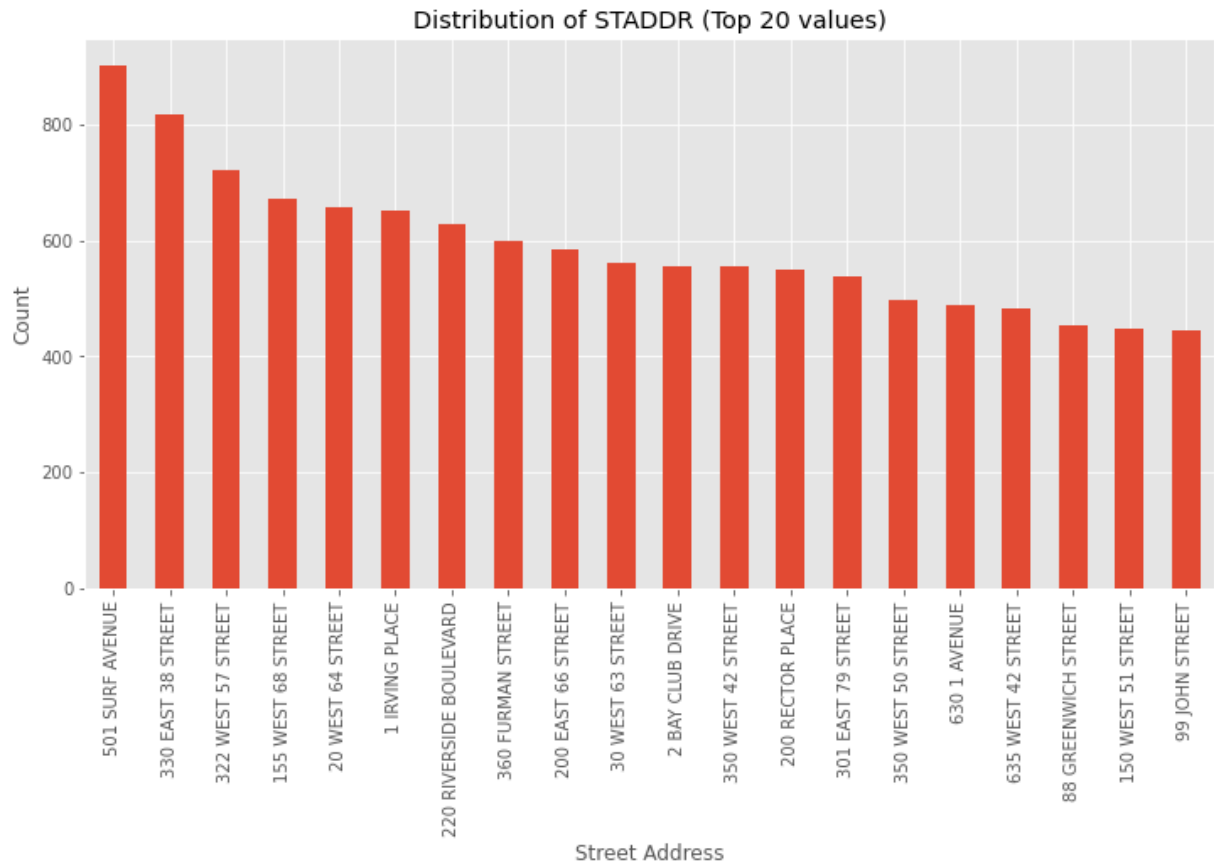
Description: Exemption code 1, Unknown meaning



Field 20

Name: STADDR

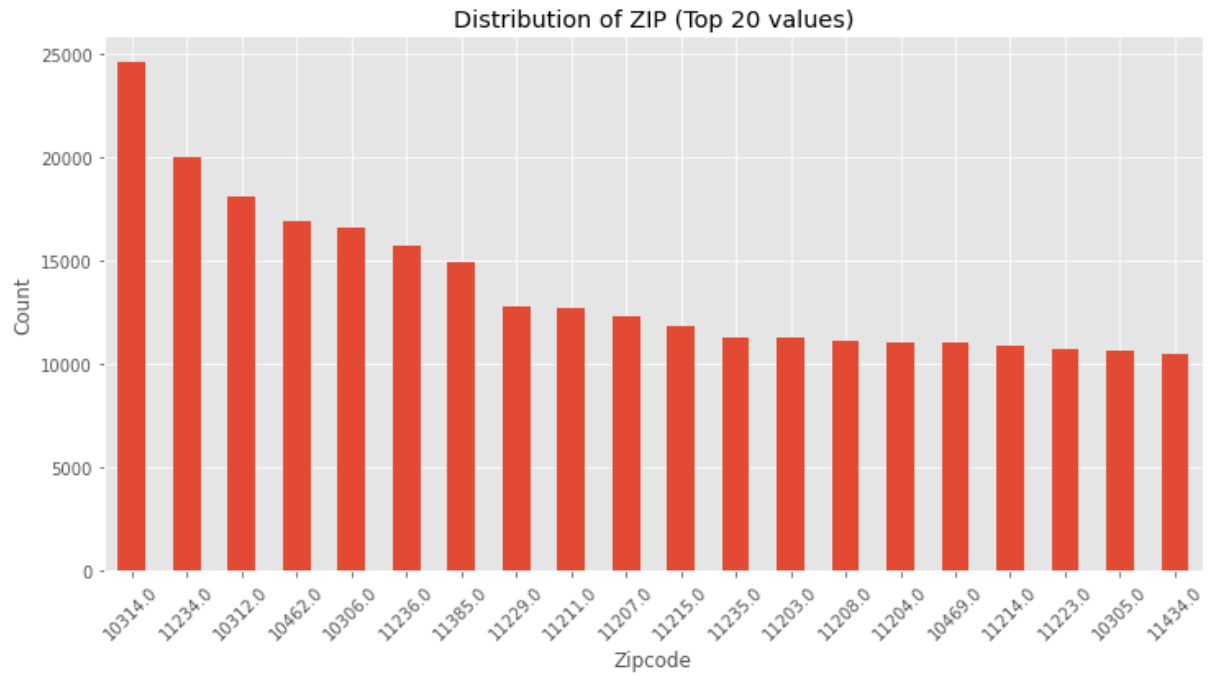
Description: Street address



Field 21

Name: ZIP

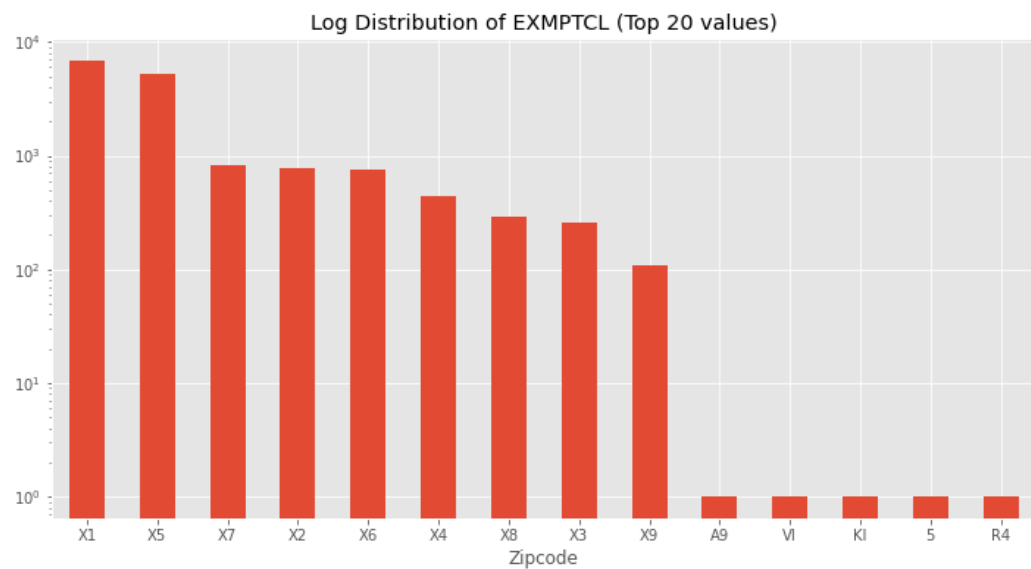
Description: Zip code



Field 22

Name: EXMPTCL

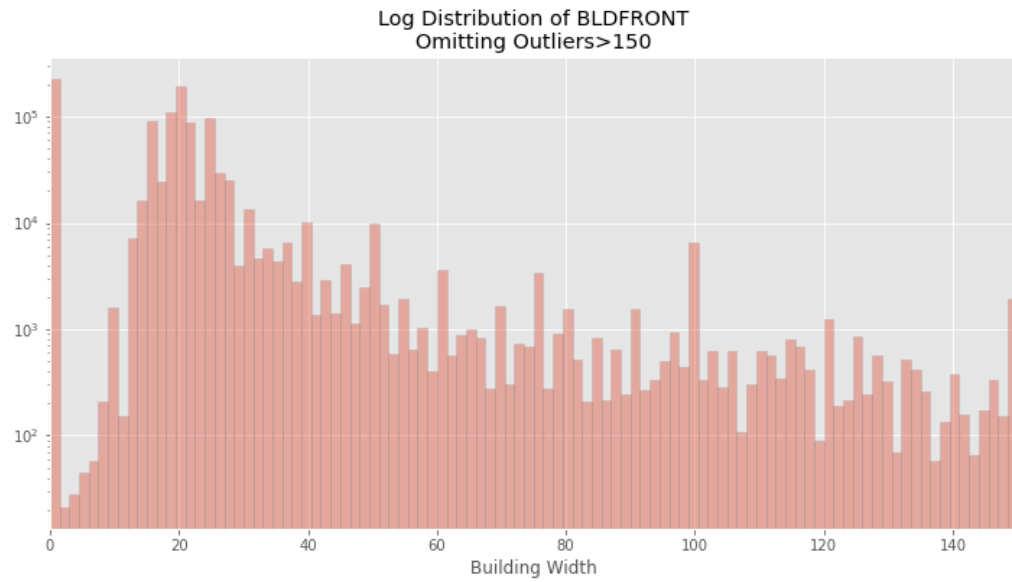
Description: Exemption class



Field 23

Name: BLDFRONT

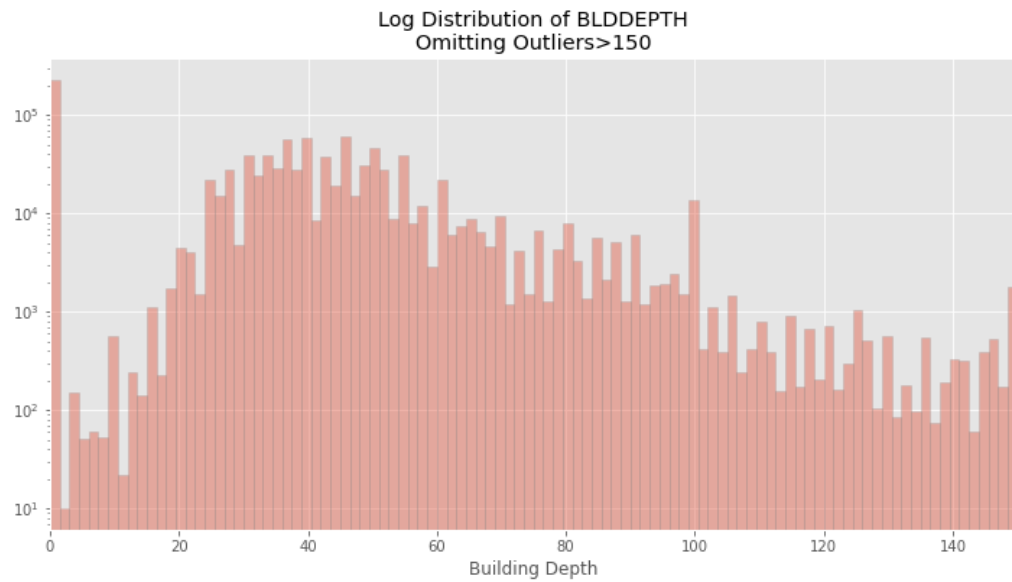
Description: Building width



Field 24

Name: BLDDEPTH

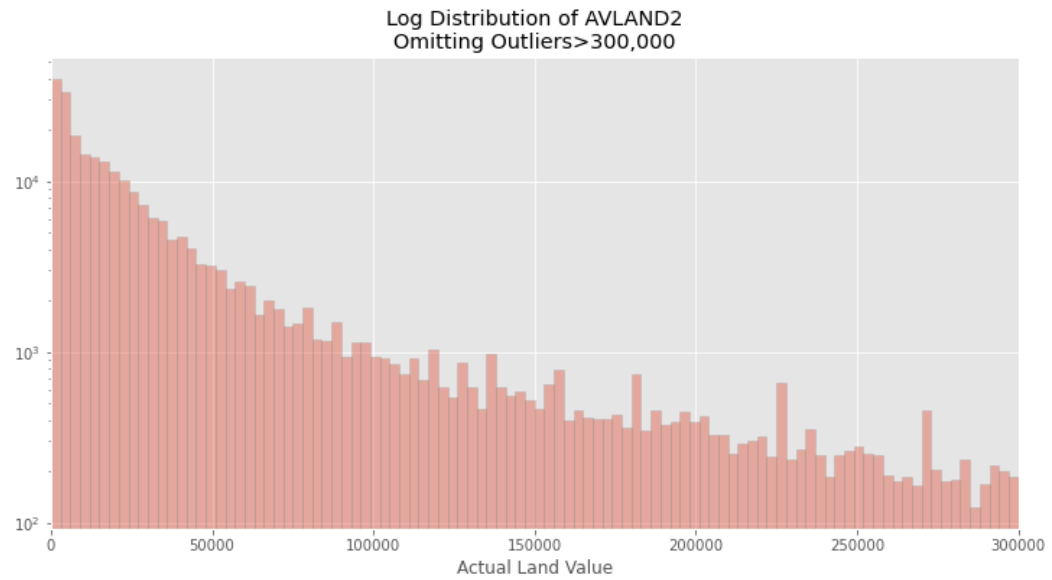
Description: Building depth



Field 25

Name: AVLAND2

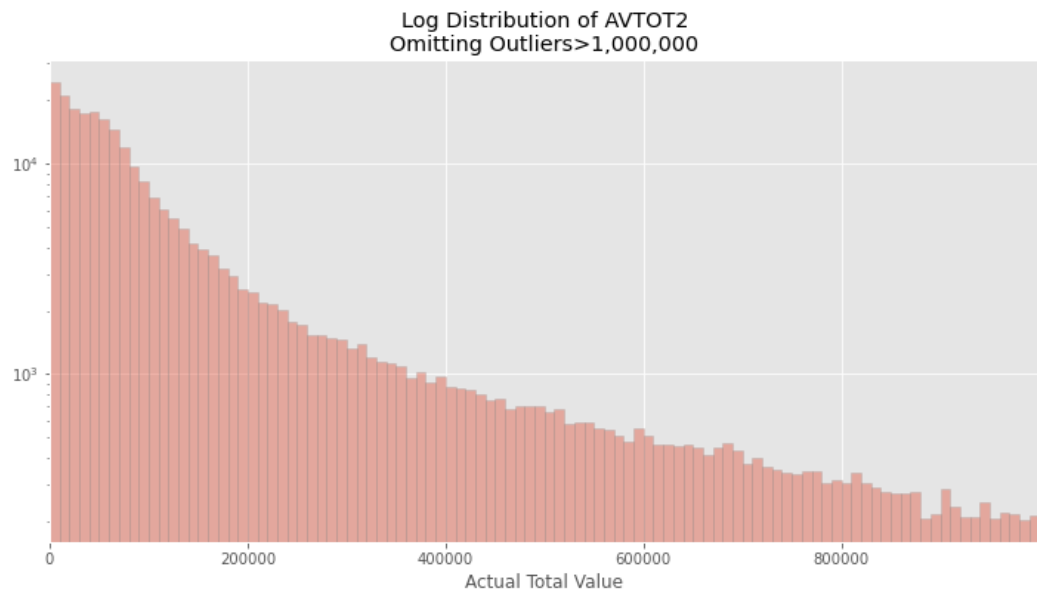
Description: Transitional land value



Field 26

Name: AVTOT2

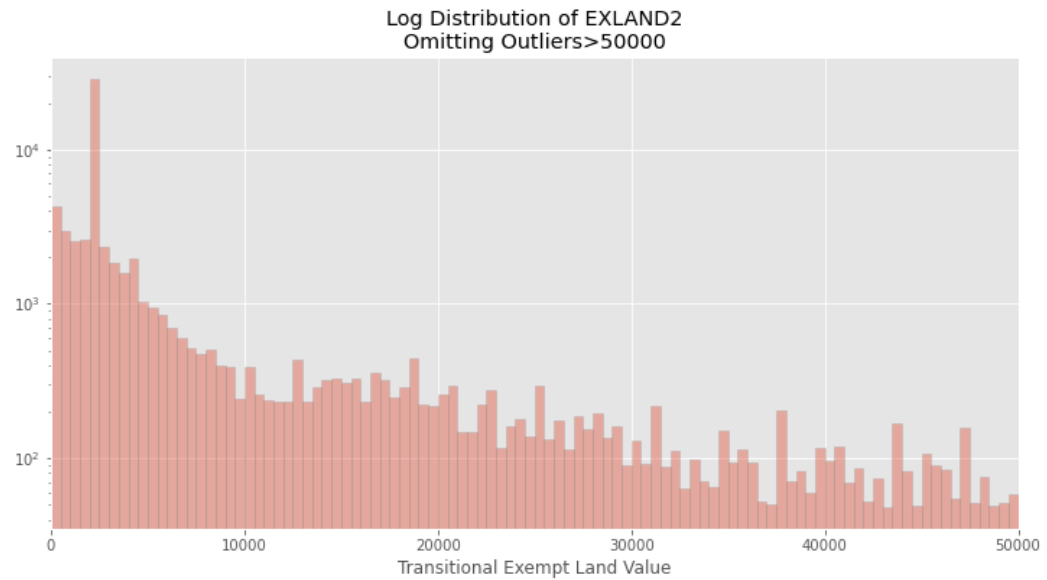
Description: Transitional total value



Field 27

Name: EXLAND2

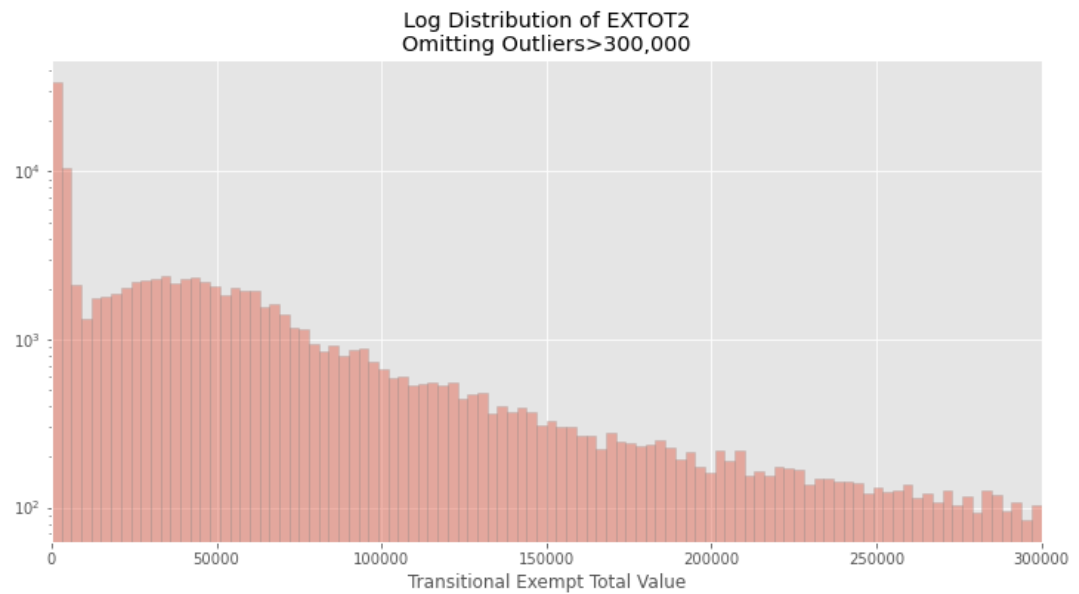
Description: Transitional exempt land value



Field 28

Name: EXTOT2

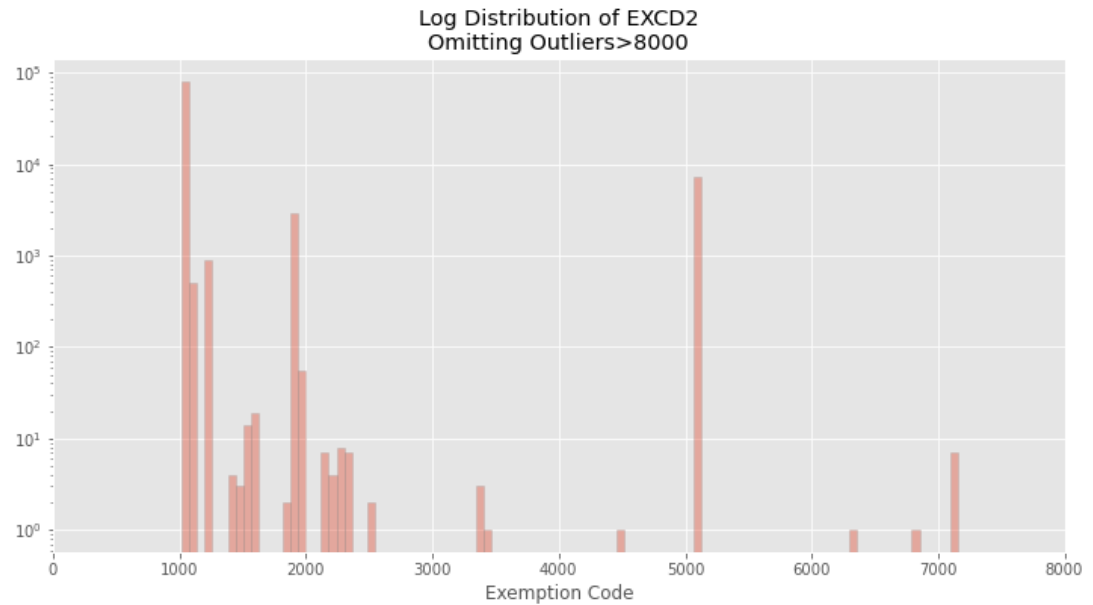
Description: Transitional exemption land total



Field 29

Name: EXCD2

Description: Exemption code 1, Unknown meaning



Field 30

Name: PERIOD

Description: Assessment period when data was created

Field 31

Name: YEAR

Description: November 2010

Field 32

Name: VALTYPE

Description: Unknown Meaning