**Data Dictionary (Pre-processed Main Dataset <u>violtotal.csv</u>)**

**'block': string**
       Block number
       Source: PLUTO

**'lot': string**
       Tax lot number
       Source: PLUTO

**'ct2010': string**
       Census Tract ID (short)
       Source: PLUTO

**'county': string**
       County name
       Source: PLUTO

**'tract': string**
       Census tract ID (long)
       Source: PLUTO

**'buildingid': string**
       Building ID number
       Source: PLUTO

**'bin': string**
       **Building Identification Number**
       Source: PLUTO + NYC Open Data – Housing Maintenance Code Violations
       https://data.cityofnewyork.us/Housing-Development/Housing-Maintenance-Code-Violations/wvxf-dwi5

**'zonedist1': string**
       C – commercial
       M – Manufacturing
       R – Residential
       X – Mixed Use
       Source: PLUTO

**'bldgclass' : string**
       A – One Family Dwellings
       B – Two Family Dwellings
       C – Walk Up Apartments
       D – Elevator Apartments
       R – Multiple Use

S – Mixed Residential Use
Source: PLUTO

**'landuse': int**
      1 - One & Two Family Buildings
      2 - Multi-Family Walk-Up Buildings
      3 - Multi-Family Elevator Buildings
      4 - Mixed Residential & Commercial Buildings
      5 - Commercial & Office Buildings
      6 - Industrial & Manufacturing
      7 - Transportation & Utility
      8 - Public Facilities & Institutions
      9 - Open Space & Outdoor Recreation
      10 - Parking Facilities
      11 - Vacant Land
      Source: PLUTO

**'overlay1': string**
      Y – Overlay exists
      (blank) – No overlay
      Source: PLUTO

**'spdist1': string**
      The special purpose district assigned to the tax lot.
      Source: PLUTO

**'ownertype': string**
      C - City ownership
      M - Mixed city & private ownership
      O - Other, owned by either a public authority or the state or federal government
      P - Private ownership
      X - Fully tax-exempt property that may be owned by the city, state, or federal government; a public authority; or a private institution
      Source: PLUTO

**'lotarea': int**
      Total area of the tax lot
      Source: PLUTO

**'bldgarea': int**
      The total gross area in square feet
      Source: PLUTO

**'resarea': int**
      An estimate of the exterior dimensions of the portion of the structure(s) allocated for residential use.

Source: PLUTO

**'numbldgs':**
The number of buildings on the tax lot.
Source: PLUTO

**'numfloors': int**
The number of floors.
Source: PLUTO

**'unitsres' : int**
The sum of residential units in all buildings on the tax lot.
Source: PLUTO

**'unitstotal': int**
The sum of residential and non-residential (offices, retail stores, etc.) units for all buildings on the tax lot.
Source: PLUTO

**'bsmtcode': string**
0 – None/No Basement
1 – Above grade full basement
2 – Below grade full basement
3 – Above grade partial basement
4 – Below grade partial basement
5 – Unknown
Source: PLUTO

**'assesstot': int**
The assessed total value for the tax lot.
Source: PLUTO

**'yearbuilt': int**
The year construction of the building was completed
Source: PLUTO

**'builtfar': float**
The maximum allowable building floor area ratio
Source: PLUTO

**'residfar': float**
The maximum allowable residential floor area ratio
Source: PLUTO

**'borocode': int**

0 – Bronx
1 – Brooklyn
2 – Manhattan
3 – Queens
4 – Staten Island
Source: PLUTO

**'year': int**
The year
Source: PLUTO + NYC Open Data - Housing Maintenance Code Violations

**'bbl': string**
Borough, Tax Block, and Lot(BBL)
Source: PLUTO

**'violations': int**
The number of violations in a multiple dwelling
Source: NYC Open Data - Housing Maintenance Code Violations
[https://data.cityofnewyork.us/Housing-Development/Housing-Maintenance-Code-Violations/wvxf-dwi5](https://data.cityofnewyork.us/Housing-Development/Housing-Maintenance-Code-Violations/wvxf-dwi5)

**'legalstories': int**
Number of legal stories in building
Source: NYC Open Data - Buildings Subject to HPD Jurisdiction
[https://data.cityofnewyork.us/Housing-Development/Buildings-Subject-to-HPD-Jurisdiction/kj4p-ruqc](https://data.cityofnewyork.us/Housing-Development/Buildings-Subject-to-HPD-Jurisdiction/kj4p-ruqc)

**'legalclassa': int**
The number of apartments in a multiple dwelling
Source: NYC Open Data - Buildings Subject to HPD Jurisdiction
[https://data.cityofnewyork.us/Housing-Development/Buildings-Subject-to-HPD-Jurisdiction/kj4p-ruqc](https://data.cityofnewyork.us/Housing-Development/Buildings-Subject-to-HPD-Jurisdiction/kj4p-ruqc)

**'legalclassb': int**
The number of rooms in a multiple dwelling without individual baths and kitchens
Source: NYC Open Data - Buildings Subject to HPD Jurisdiction
[https://data.cityofnewyork.us/Housing-Development/Buildings-Subject-to-HPD-Jurisdiction/kj4p-ruqc](https://data.cityofnewyork.us/Housing-Development/Buildings-Subject-to-HPD-Jurisdiction/kj4p-ruqc)

**'lifecycle': string**
Land
Planned
Building
Demolished
Under Construction

Source: NYC Open Data - Buildings Subject to HPD Jurisdiction
https://data.cityofnewyork.us/Housing-Development/Buildings-Subject-to-HPD-Jurisdiction/kj4p-ruqc

**'subsidies_flag': int**
0 – non-subsidized housing project
1 – subsidized housing project
Source: NYU Furman Center
Notes: The subsidized housing projects in the data include that are programs funded by NYS Housing Finance Agency, NYC Department of Finance, NYC Department of Housing Preservation and Development, US Department of Housing and Urban Development, NYS Division of Housing and Community Renewal and New York City Housing Authority.

**'affordability_flag': int**
0 – Commercial residential projects or unknown
1 – Affordable housing projects with majority of commercial units
2 – Affordable housing projects with majority of affordable units for other income residents
3 – Affordable housing projects with majority of affordable units for middle income residents
4 – Affordable housing projects with majority of affordable units for moderate income residents
5 – Affordable housing projects with majority of affordable units for low/very low/extremely low income residents
Source: NYC Open Data - Affordable Housing, Based on Housing New York Units by Building  https://data.cityofnewyork.us/Housing-Development/Affordable-Housing/x9h2-i4fk

**'alter': int**
0 – no alteration history
1 – altered once
2 – altered multiple times

Source: PLUTO