

Out[101]:

3(1) The scatter plot shows that complaints are spreaded across all over Brooklyn

In [83]:

Out[83]:

Complaint_Type Animal Abuse Bike/Roller/Skate Chronic \

City

ARVERNE 46 0 0

ASTORIA 170 16

Astoria 0 0 0

BAYSIDE 15 0

BELLEROSGE 53 1

BREEZY POINT 2 2 0

BROOK 1967 22

BROOKLYN 3186 121

CAMBRIA HEIGHTS 15 0

CENTRAL PARK 0 0

COLLEGE POINT 55 0

CORONA 104 0

EAST ELMHURST 85 1

ELMHURST 59 2

East Elmhurst 0 0

FAR ROCKAWAY 111 0

FLORAL PARK 191 3

FLUSHING 191 3

FOREST HILLS 78 6

FRESH MEADOWS 66 0

GLEN OAKS 5 0

HOLLIS 39 0

HOWARD BEACH 50 1

Howard Beach 0 0

JACKSON HEIGHTS 50 2

JAMICA 317 3

KEN GARDENS 26 0

LITTLE NECK 21 0

LONG ISLAND CITY 40 0

Long Island City 0 0

MASPETH 56 1

MIDDLE VILLAGE 35 1

NEW HYDE PARK 40 2

NEW YORK 1926 249

OAKLAND GARDENS 29 2

OZONE PARK 72 1

QUEENS 1 0

QUEENS VILLAGE 90 0

REGO PARK 33 0

RICHMOND HILL 55 0

RIDGEMOOD 154 3

ROCKAWAY PARK 33 0

ROSEDALE 44 1

SAINT ALBANS 43 0

SOUTH OZONE PARK 24 0

SOUTH RICHMOND HILL 40 1

STATEN ISLAND 786 1

SPRINGFIELD GARDENS 42 2

SUNNYSIDE 40 2

WHITESTONE 43 1

WOODHAVEN 17 2

WOODSIDE 111 5

Woodside 0 0

Complaint_Type Blocked Driveway Derelict Vehicle Disorderly Youth \

City

ARVERNE 50 32 2

ASTORIA 3436 426 0

Astoria 159 24 5

BAYSIDE 514 231 2

BELLEROSGE 138 129 0

BREEZY POINT 3 2 6

BROOK 17052 2399 66

BROOKLYN 36433 6245 79

CAMBRIA HEIGHTS 177 148 0

CENTRAL PARK 0 0 0

COLLEGE POINT 597 223 1

CORONA 1 72 6

EAST ELMHURST 1925 136 2

ELMHURST 1992 94 2

East Elmhurst 0 0 0

FAR ROCKAWAY 33 215 0

FLORAL PARK 0 0 0

FLUSHING 3640 531 2

FOREST HILLS 873 71 4

FRESH MEADOWS 682 346 0

GLEN OAKS 48 336 0

HOLLIS 442 162 0

HOWARD BEACH 215 172 1

Howard Beach 1 0 0

JACKSON HEIGHTS 703 41 1

JAMICA 3620 1132 9

KEN GARDENS 429 16 0

LITTLE NECK 174 13 2

LONG ISLAND CITY 1052 219 2

Long Island City 55 0 0

MASPETH 1000 366 0

MIDDLE VILLAGE 663 279 4

NEW HYDE PARK 76 336 1

NEW YORK 2688 688 80

OAKLAND GARDENS 177 417 1

OZONE PARK 1681 179 0

QUEENS 3 2 0

QUEENS VILLAGE 772 478 0

REGO PARK 780 276 0

RICHMOND HILL 1099 3 0

RIDGEMOOD 2160 507 3

ROCKAWAY PARK 270 247 0

ROSEDALE 44 1 4

SAINT ALBANS 318 248 1

SOUTH OZONE PARK 1202 425 2

SOUTH RICHMOND HILL 1945 356 2

SPRINGFIELD GARDENS 330 267 0

STATEN ISLAND 2844 2182 25

SUNNYSIDE 278 3 0

WHITESTONE 279 279 1

WOODHAVEN 1563 369 0

WOODSIDE 2038 238 1

Woodside 27 8 0

Complaint_Type Drinking Graffiti Homeless Encampment \

City

ARVERNE 1 1 4

ASTORIA 43 4 32

Astoria 0 0 0

BAYSIDE 1 3 2

BELLEROSGE 0 0 0

BREEZY POINT 21 0 0

BROOK 206 15 274

BROOKLYN 291 60 939

CAMBRIA HEIGHTS 0 0 6

CENTRAL PARK 0 0 0

COLLEGE POINT 34 4 26

CORONA 9 3 2

EAST ELMHURST 13 1 34

ELMHURST 4 0 16

East Elmhurst 0 0 0

FAR ROCKAWAY 4 0 0

FLORAL PARK 1 3 16

FLUSHING 47 6 28

FOREST HILLS 1 3 16

FRESH MEADOWS 6 0 0

GLEN OAKS 0 0 0

HOLLIS 3 0 9

HOWARD BEACH 0 0 0

Howard Beach 0 0 0

JACKSON HEIGHTS 10 1 11

JAMICA 40 3 93

KEN GARDENS 1 0 5

LITTLE NECK 1 0 0

LONG ISLAND CITY 6 3 10

Long Island City 0 0 0

MASPETH 9 1 0

MIDDLE VILLAGE 2 0 5

NEW HYDE PARK 0 0 0

NEW YORK 320 25 3022

OAKLAND GARDENS 20 0 8

OZONE PARK 0 0 2

QUEENS 0 0 19

QUEENS VILLAGE 4 1 6

REGO PARK 10 1 0

RICHMOND HILL 10 3 26

RIDGEMOOD 23 0 4

ROSEDALE 2 2 0

SAINT ALBANS 14 2 5

SOUTH OZONE PARK 25 0 12

SOUTH RICHMOND HILL 18 6 77

SPRINGFIELD GARDENS 12 1 12

SUNNYSIDE 10 3 0

WHITESTONE 4 0 10

WOODHAVEN 15 4 38

WOODSIDE 0 0 0

Woodside 0 0 0

Complaint_Type Illegal Fireworks Illegal Parking ... \

City

ARVERNE 0 62 ...

ASTORIA 4 137 ...

Astoria 0 217 ...

BAYSIDE 0 637 ...

BELLEROSGE 1 132 ...

BREEZY POINT 9 816 ...

BROOK 24 9857 ...

BROOKLYN 60 33461 ...

CAMBRIA HEIGHTS 1 11 ...

CENTRAL PARK 0 5 ...

COLLEGE POINT 0 449 ...

CORONA 6 75 ...

EAST ELMHURST 0 1092 ...

ELMHURST 1 760 ...

East Elmhurst 4 28 ...

FAR ROCKAWAY 0 339 ...

FLORAL PARK 0 12 ...

FLUSHING 2 2248 ...

FOREST HILLS 1 626 ...

FRESH MEADOWS 0 1155 ...

GLEN OAKS 0 815 ...

HOLLIS 0 181 ...

HOWARD BEACH 4 384 ...

Howard Beach 0 23 ...

JACKSON HEIGHTS 1 240 ...

JAMICA 4 1696 ...

KEN GARDENS 5 276 ...

LITTLE NECK 0 322 ...

LONG ISLAND CITY 0 984 ...

Long Island City 0 10 ...

MASPETH 1 1233 ...

MIDDLE VILLAGE 0 1104 ...

NEW HYDE PARK 1 336 ...

NEW YORK 34 14369 ...

OAKLAND GARDENS 0 335 ...

OZONE PARK 1 774 ...

QUEENS 0 10 ...

QUEENS VILLAGE 5 669 ...

REGO PARK 6 639 ...

RICHMOND HILL 4 489 ...

RIDGEMOOD 2 2234 ...

ROCKAWAY PARK 3 81 ...

ROSEDALE 0 324 ...

SAINT ALBANS 0 237 ...

SOUTH OZONE PARK 1 602 ...

SOUTH RICHMOND HILL 2 596 ...

SPRINGFIELD GARDENS 1 291 ...

STATEN ISLAND 11 6222 ...

SUNNYSIDE 0 167 ...

WHITESTONE 1 630 ...

WOODHAVEN 4 896 ...

WOODSIDE 1 1081 ...

Woodside 0 124 ...

Complaint_Type Noise - House of Worship Noise - Park \

City

ARVERNE 14 2

ASTORIA 21 64

Astoria 0 0

BAYSIDE 0 0

BELLEROSGE 1 1

BREEZY POINT 94 0

BROOK 206 573

BROOKLYN 387 1558

CAMBRIA HEIGHTS 2 0

CENTRAL PARK 2 0

COLLEGE POINT 2 2

CORONA 23 24

EAST ELMHURST 1 3

ELMHURST 6 35

East Elmhurst 0 0

FAR ROCKAWAY 3 10

FLORAL PARK 0 0

FLUSHING 5 61

FOREST HILLS 6 17

FRESH MEADOWS 0 8

GLEN OAKS 0 38

HOLLIS 215 69

HOWARD BEACH 1 2

Howard Beach 0 0

JACKSON HEIGHTS 15 38

JAMICA 1 0

KEN GARDENS 0 55

LITTLE NECK 0 0

LONG ISLAND CITY 0 0

Long Island City 0 4

MASPETH 217 120

MIDDLE VILLAGE 0 14

NEW HYDE PARK 4 20

NEW YORK 2 2

OAKLAND GARDENS 2 2

OZONE PARK 1 22

QUEENS 2 28

QUEENS VILLAGE 0 2

REGO PARK 0 2

RICHMOND HILL 1 1

RIDGEMOOD 2 2

ROCKAWAY PARK 0 1

ROSEDALE 1 4

SAINT ALBANS 5 1

SOUTH OZONE PARK 1 1

SOUTH RICHMOND HILL 18 67

SPRINGFIELD GARDENS 3 7

SUNNYSIDE 0 7

WHITESTONE 3 37

WOODHAVEN 0 0

WOODSIDE 0 0

Woodside 0 0

Complaint_Type Noise - Street/Sidewalk Noise - Vehicle Panhandling \

City

ARVERNE 23 236 1

ASTORIA 408 236 2

Astoria 145 0 0

BAYSIDE 17 24 0

BELLEROSGE 9 13 1

BREEZY POINT 1 1 0

BROOK 9119 3945 20

BROOKLYN 13945 5233 48

CAMBRIA HEIGHTS 29 100 0

CENTRAL PARK 105 0 0

COLLEGE POINT 34 140 0

CORONA 242 110 1

EAST ELMHURST 110 82 0

ELMHURST 228 59 3

East Elmhurst 0 0 0

FAR ROCKAWAY 140 83 0

FLORAL PARK 3 0 0

FLUSHING 241 147 2

FOREST HILLS 102 69 1

FRESH MEADOWS 48 2 0

GLEN OAKS 6 4 0

HOLLIS 43 52 0

HOWARD BEACH 22 10 2

Howard Beach 0 0 0

JACKSON HEIGHTS 238 75 3

JAMICA 359 23 0

KEN GARDENS 13 23 0

LITTLE NECK 0 120 0

LONG ISLAND CITY 133 10 2

Long Island City 28 0 0

MASPETH 124 26 0

MIDDLE VILLAGE 38 0 0

NEW HYDE PARK 0 2 0

NEW YORK 22083 6179 203

OAKLAND GARDENS 20 0 0

OZONE PARK 140 81 7

QUEENS 6 2 0

QUEENS VILLAGE 69 1 1

REGO PARK 64 60 0

RICHMOND HILL 93 69 0

RIDGEMOOD 148 249 0

ROCKAWAY PARK 217 29 0

ROSEDALE 25 24 0

SAINT ALBANS 108 97 0

SOUTH OZONE PARK 93 93 0

SOUTH RICHMOND HILL 42 0 2

SPRINGFIELD GARDENS 884 423 13

SUNNYSIDE 49 53 0

WHITESTONE 34 50 0

WOODHAVEN 89 81 1

WOODSIDE 261 136 0

Woodside 5 0 0

Complaint_Type Posting Advertisement Squeezee Traffic \

City

ARVERNE 0 0 1

ASTORIA 3 0 60

Astoria 0 0 0

BAYSIDE 0 0 9

BELLEROSGE 1 0 9

BREEZY POINT 0 0 3

BROOK 18 0 126

BROOKLYN 58 0 423

CAMBRIA HEIGHTS 0 0 0

CENTRAL PARK 0 0 0

COLLEGE POINT 0 0 16

CORONA 1 0 16

EAST ELMHURST 1 0 24

ELMHURST 1 0 18

East Elmhurst 0 0 0

FAR ROCKAWAY 0 0 10

FLORAL PARK 0 0 0

FLUSHING 4 0 65

FOREST HILLS 4 0 15

FRESH MEADOWS 0 0 15

GLEN OAKS 0 0 11

HOLLIS 0 0 9

HOWARD BEACH 0 0 9

Howard Beach 0 0 0

JACKSON HEIGHTS 1 0 13

JAMICA 8 0 632

KEN GARDENS 1 0 10

LITTLE NECK 1 0 20

LONG ISLAND CITY 2 0 83

Long Island City 2 0 10

MASPETH 0 0 71

MIDDLE VILLAGE 0 0 14

NEW HYDE PARK 3 0 7

NEW YORK 49 4 1754

OAKLAND GARDENS 0 0 6

OZONE PARK 0 0 27

QUEENS 1 0 16

QUEENS VILLAGE 5 2 8

REGO PARK 1 0 4

RICHMOND HILL 2 0 8

RIDGEMOOD 1 0 49

ROCKAWAY PARK 0 0 19

ROSEDALE 0 0 25

SAINT ALBANS 0 0 14

SOUTH OZONE PARK 0 0 12

SOUTH RICHMOND HILL 1 0 12

SPRINGFIELD GARDENS 515 15 15

SUNNYSIDE 3 0 32

WHITESTONE 0 0 32

WOODHAVEN 8 15 7

WOODSIDE 0 0 45

Woodside 0 0 0

[53 rows x 21 columns]

In [84]:

Out[84]:

In [85]:

Out[85]:

In [86]:

Out[86]:

Unique Key Created Date Closed Date Agency Complaint_Type Incident Zip City Status Due Date Resolution Description

5 32306554 2015-12-31 2016-01-01 NYPD Illegal Parking 11215 BROOKLYN Closed 2016-01-07 56:30 The Police Department responded and upon amw...

9 32308291 2015-12-31 2016-01-01 NYPD Blocked Driveway 11219 BROOKLYN Closed 2016-01-07 53:58 The Police Department responded and upon amw...

13 32305074 2015-12-31 2016-01-01 NYPD Illegal Parking 11208 BROOKLYN Closed 2016-01-07 47:58 The Police Department responded to the complain...

17 32310273 2015-12-31 2016-01-01 NYPD Noise - Commercial 11217 BROOKLYN Closed 2016-01-07 44:52 The Police Department responded to the complain...

18 32306617 2015-12-31 2016-01-01 NYPD Noise - Commercial 11234 BROOKLYN Closed 2016-01-07 40:59 The Police Department responded to the complain...

345393 29608505 2015-01-01 2015-01-01 NYPD Blocked Driveway 11201 BROOKLYN Closed 2015-01-08 23:55 The Police Department responded and upon amw...

345441 29612697 2015-01-01 2015-01-01 NYPD Blocked Driveway 11211 BROOKLYN Closed 2015-01-08 19:22 The Police Department responded and upon amw...

345444 29613295 2015-01-01 2015-01-01 NYPD Noise - Commercial 11217 BROOKLYN Closed 2015-01-08 17:48 The Police Department responded to the complain...

345445 29613456 2015-01-01 2015-01-01 NYPD Blocked Driveway 11237 BROOKLYN Closed 2015-01-08 17:47 The Police Department issued a summons in resp...

345446 29613402 2015-01-01 2015-01-01 NYPD Blocked Driveway 11218 BROOKLYN Closed 2015-01-08 15:45 The Police Department responded and upon amw...

118637 rows x 14 columns

In [87]:

Out[87]:

In [88]:

Out[88]:

In [89]:

Out[89]:

Complaint_Type Created Date Closed Date

0 Noise - Street/Sidewalk 2015-12-31 23:59:45 2016-01-01 00:55:15

6 Illegal Parking 2015-12-31 23:55:32 2016-01-01 01:53:54

19 Noise - Street/Sidewalk 2015-12-31 23:40:55 2016-01-01 00:25:21

23 Illegal Parking 2015-12-31 23:32:46 2016-01-01 00:25:21

26 Noise - House of Worship 2015-12-31 23:26:41 2015-12-31 23:53:31

345442 Noise - Street/Sidewalk 2015-01-01 00:19:20 2015-01-01 03:17:10

345443 Noise - Street/Sidewalk 2015-01-01 00:18:49 2015-01-01 03:17:11

345447 Noise - Street/Sidewalk 2015-01-01 00:15:33 2015-01-01 00:56:37

345452 Noise - Street/Sidewalk 2015-01-01 00:05:05 2015-01-01 01:22:10

345455 Noise - Street/Sidewalk 2015-01-01 00:01:30 2015-01-01 00:20:33

76645 rows x 3 columns

3(2) The above dataframe shows an example for one of the cities displaying complaints type

In [90]:

Out[90]:

3(3) The most common type of complaint is Blocked driveway followed by illegal parking.

In [91]:

Out[91]:

3(2) The above list shows the top 10 complaints type

In [93]:

Out[93]:

