

# Chicago crime analyzer

Ask a question about your data



Try one of these to get started

average quarter

most recent data

average updated on

total x coordinate

total quarter by year

Total crimes by arrest

130720

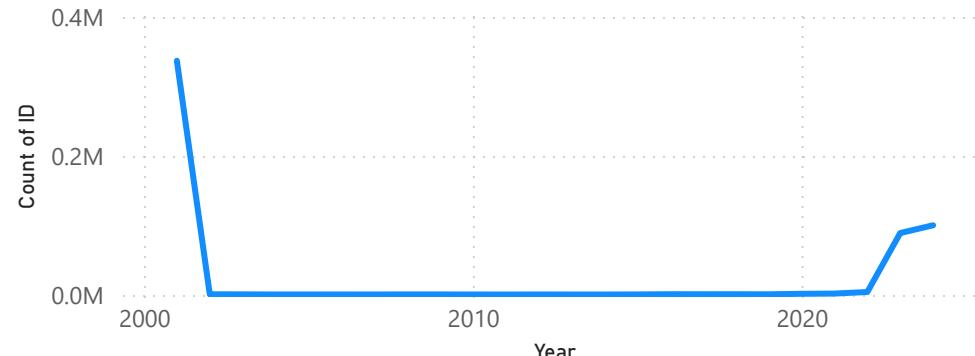
Count of ID by Severity

176496

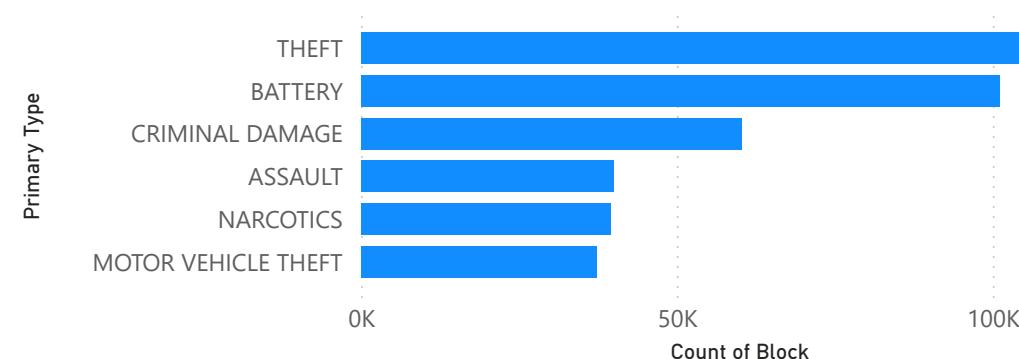
Latitude and Longitude



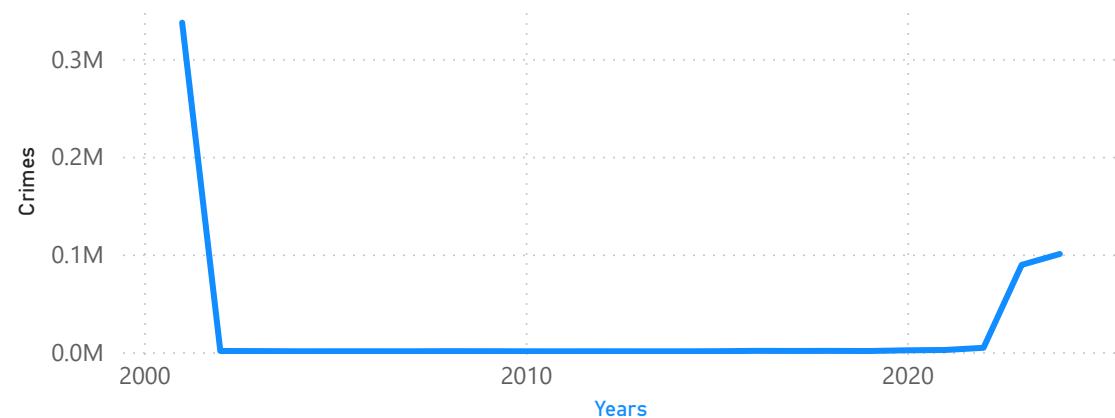
crime types over years



crime types in different blocks



### Crime trends over years



### Crime trends over months



Year

2001      2024



### Count of ID by hour



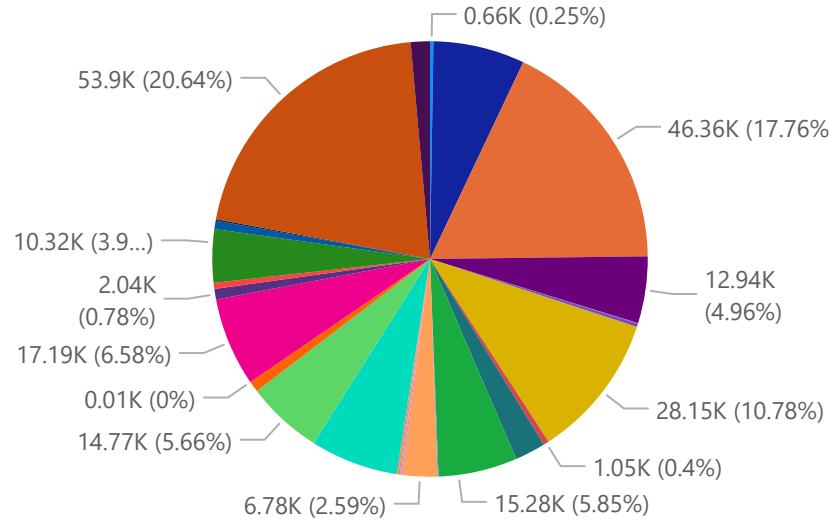
## Latitude and Longitude



## Primary Type, Year

- Select all
- ARSON
- ASSAULT
- BATTERY
- BURGLARY
- CONCEALED CARRY LICENSE VIOLATION
- CRIM SEXUAL ASSAULT
- CRIMINAL DAMAGE
- CRIMINAL SEXUAL ASSAULT
- CRIMINAL TRESPASS

## Crime Distribution



### Primary Type

- ARSON
- ASSAULT
- BATTERY
- BURGLARY
- CONCEALED CARRY LICE...
- CRIM SEXUAL ASSAULT
- CRIMINAL DAMAGE
- CRIMINAL SEXUAL ASSAU...
- CRIMINAL TRESPASS
- DECEPTIVE PRACTICE

hour

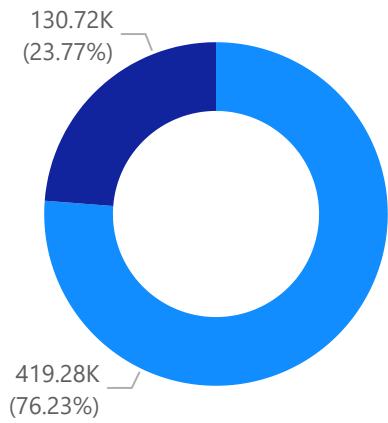
|   |    |
|---|----|
| 0 | 13 |
|---|----|



## Crime categorization

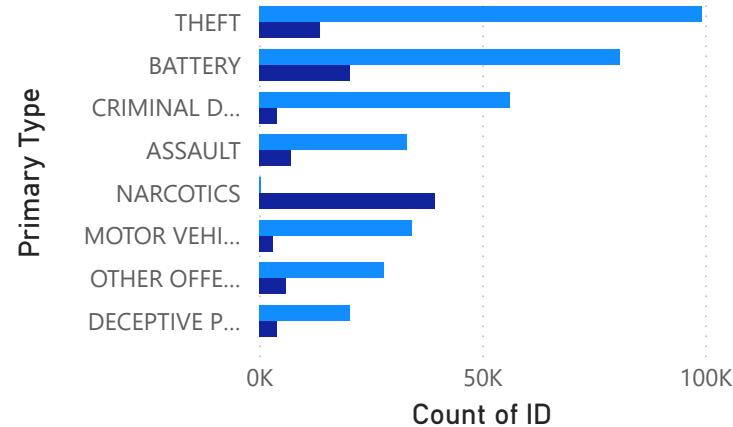
| Primary Type                      | Severity   |
|-----------------------------------|------------|
| ARSON                             | Non Severe |
| ASSAULT                           | Severe     |
| BATTERY                           | Severe     |
| BURGLARY                          | Non Severe |
| CONCEALED CARRY LICENSE VIOLATION | Non Severe |
| CRIM SEXUAL ASSAULT               | Severe     |
| CRIMINAL DAMAGE                   | Non Severe |
| CRIMINAL SEXUAL ASSAULT           | Non Severe |
| CRIMINAL TRESPASS                 | Non Severe |
| DECEPTIVE PRACTICE                | Non Severe |
| DOMESTIC VIOLENCE                 | Non Severe |
| GAMBLING                          | Non Severe |
| HOMICIDE                          | Severe     |
| <b>Total</b>                      |            |

### Arrest rates



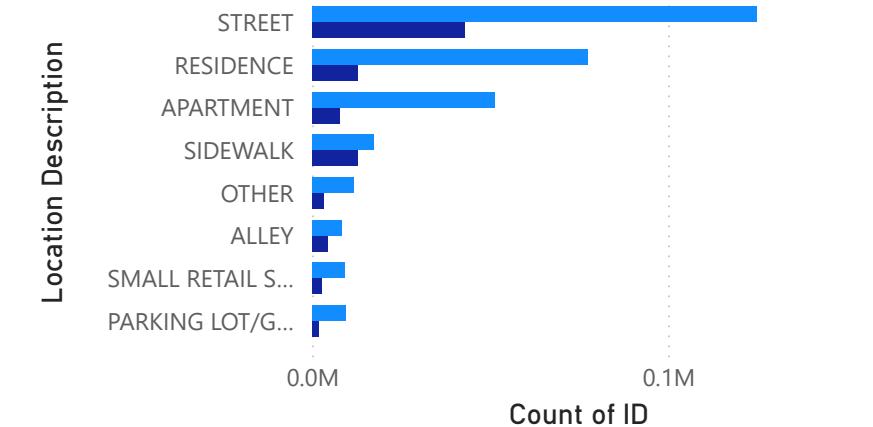
### comparison of arrest rates over crime types

Arrest ● False ● True



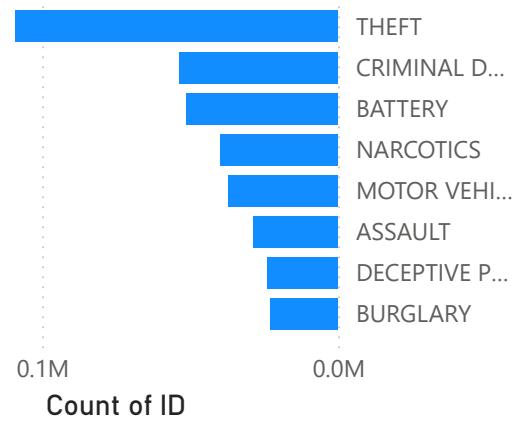
### Comparison of arrest over locations

Arrest ● False ● True



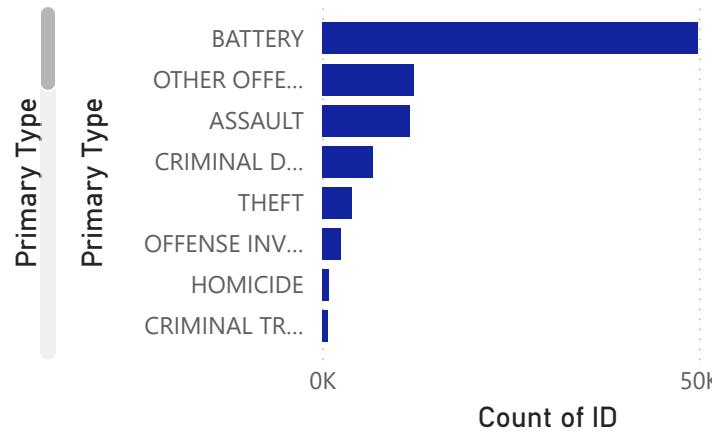
### Characteristic 'True'

Domestic ● False



### Characteristic 'False'

Domestic ● True



Year

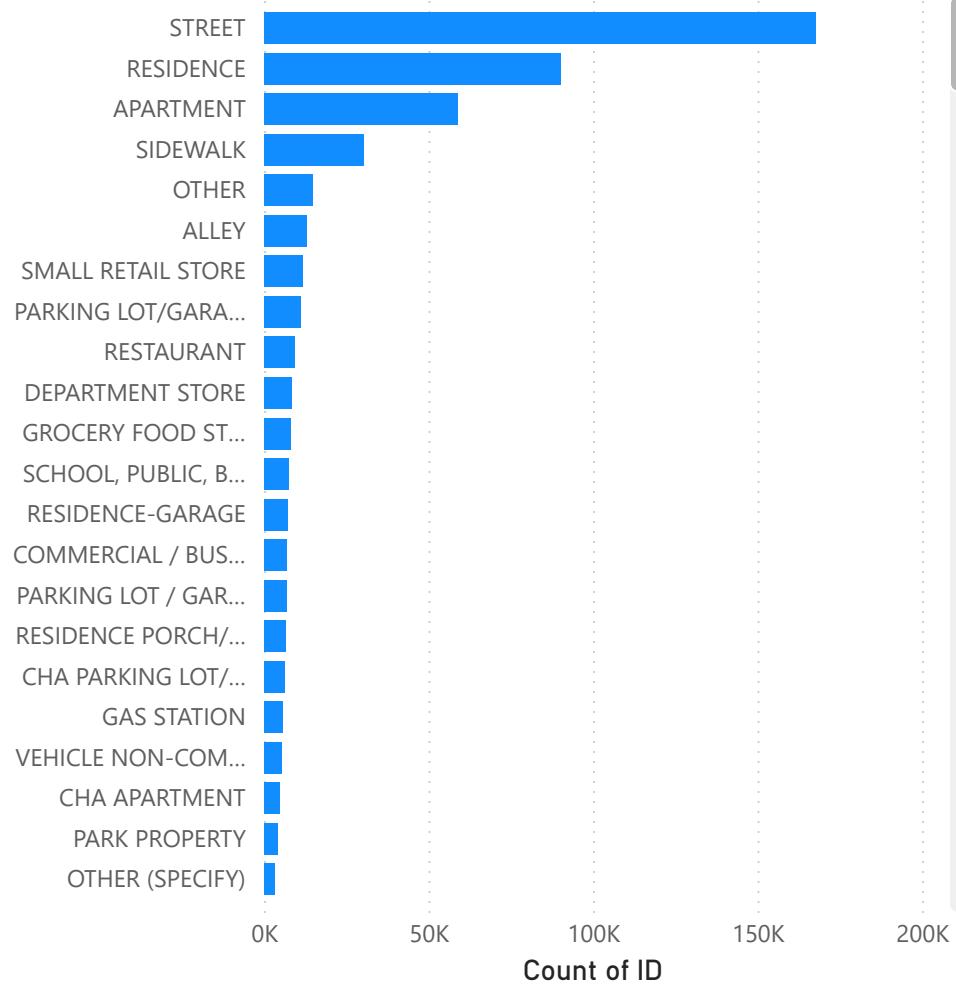
2001

2024



## Location Description Analysis

Location Description

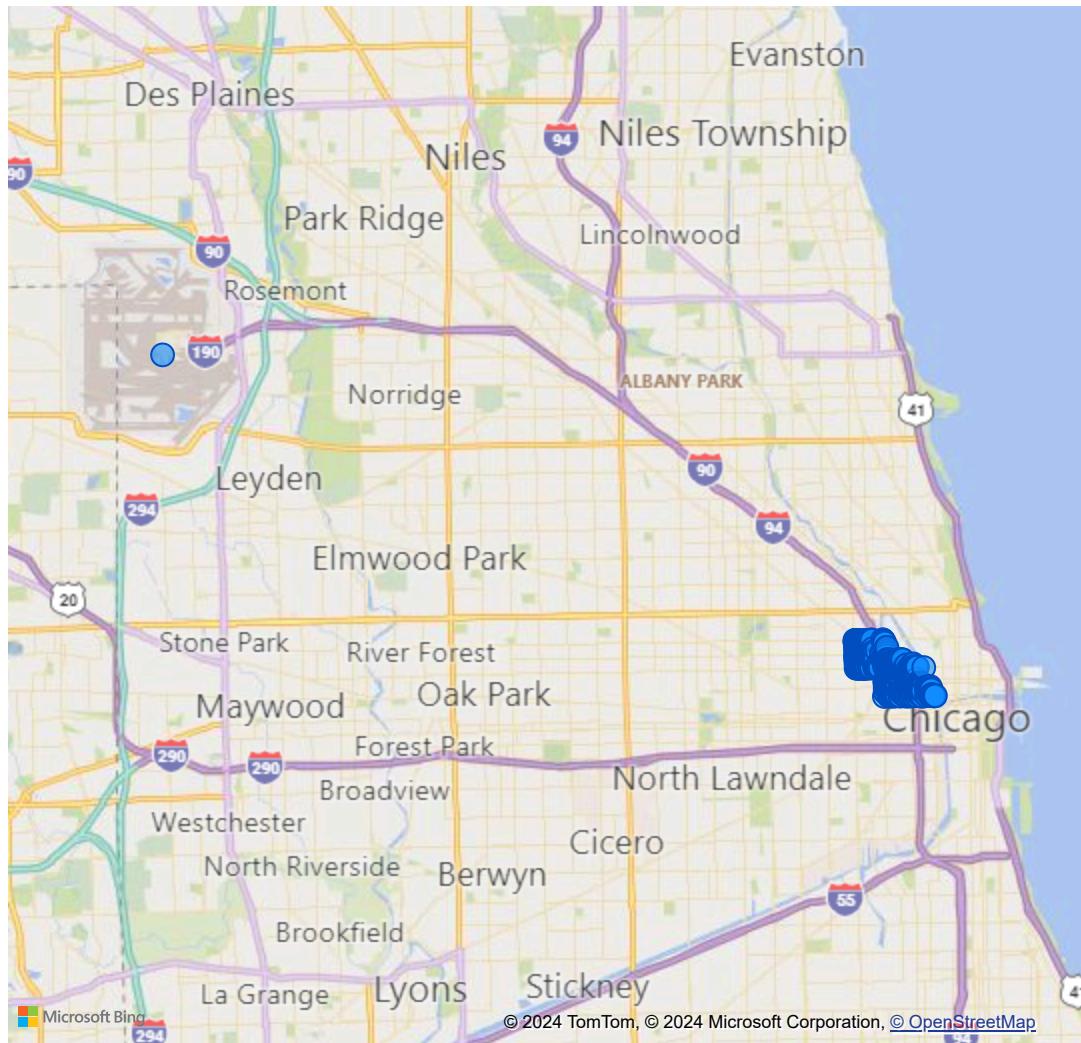


| Location Description | Primary Type                      | Count of ID   |
|----------------------|-----------------------------------|---------------|
| STREET               | ARSON                             | 143           |
| STREET               | ASSAULT                           | 9209          |
| STREET               | BATTERY                           | 21682         |
| STREET               | BURGLARY                          | 178           |
| STREET               | CONCEALED CARRY LICENSE VIOLATION | 56            |
| STREET               | CRIM SEXUAL ASSAULT               | 111           |
| STREET               | CRIMINAL DAMAGE                   | 23488         |
| STREET               | CRIMINAL SEXUAL ASSAULT           | 100           |
| STREET               | CRIMINAL TRESPASS                 | 808           |
| STREET               | DECEPTIVE PRACTICE                | 3175          |
| STREET               | GAMBLING                          | 166           |
| STREET               | HOMICIDE                          | 6595          |
| STREET               | HUMAN TRAFFICKING                 | 1             |
| STREET               | INTERFERENCE WITH PUBLIC OFFICER  | 363           |
| STREET               | INTIMIDATION                      | 54            |
| STREET               | KIDNAPPING                        | 186           |
| STREET               | LIQUOR LAW VIOLATION              | 327           |
| STREET               | MOTOR VEHICLE THEFT               | 27946         |
| STREET               | NARCOTICS                         | 17843         |
| STREET               | OBSCENITY                         | 3             |
| STREET               | OFFENSE INVOLVING CHILDREN        | 184           |
| STREET               | OTHER NARCOTIC VIOLATION          | 2             |
| <b>Total</b>         |                                   | <b>167729</b> |



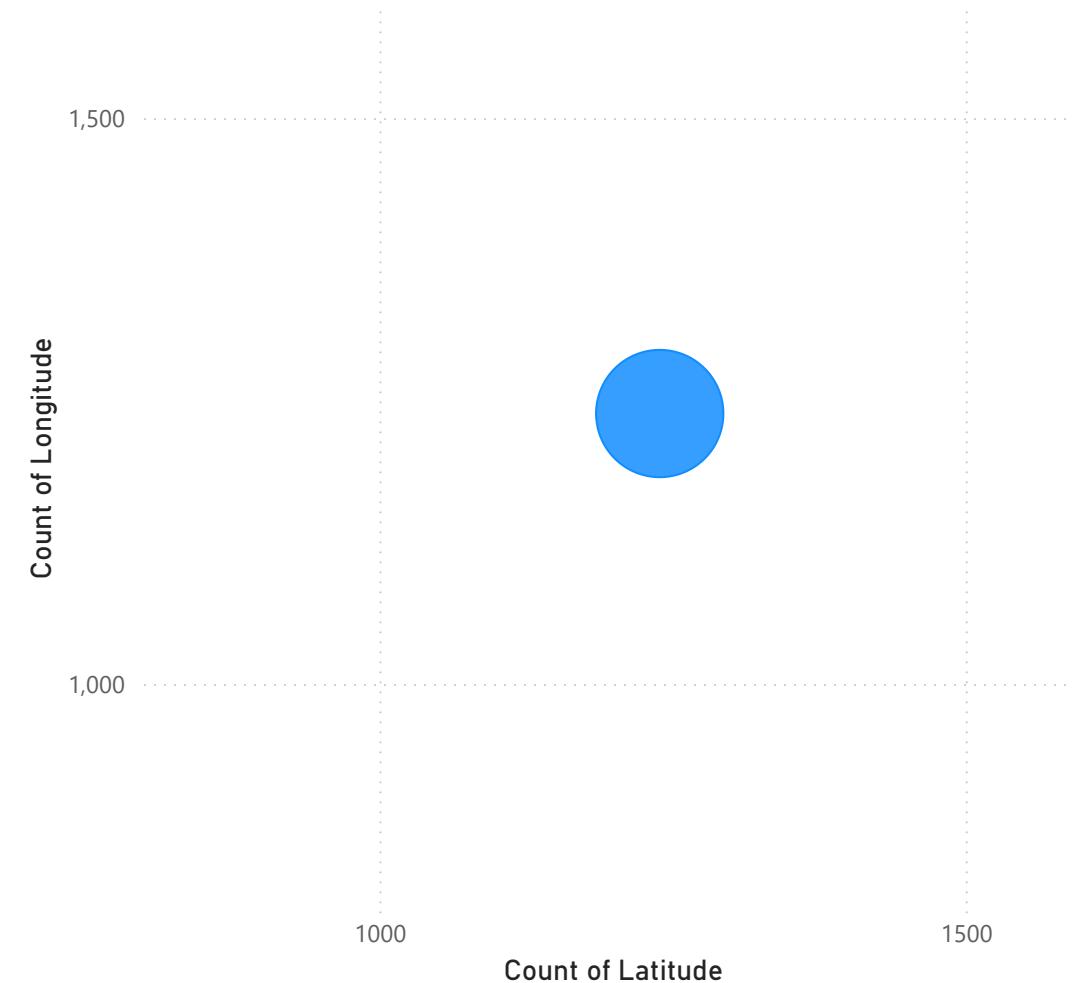
added clusters, Latitude and Longitude

added clusters ● Cluster2

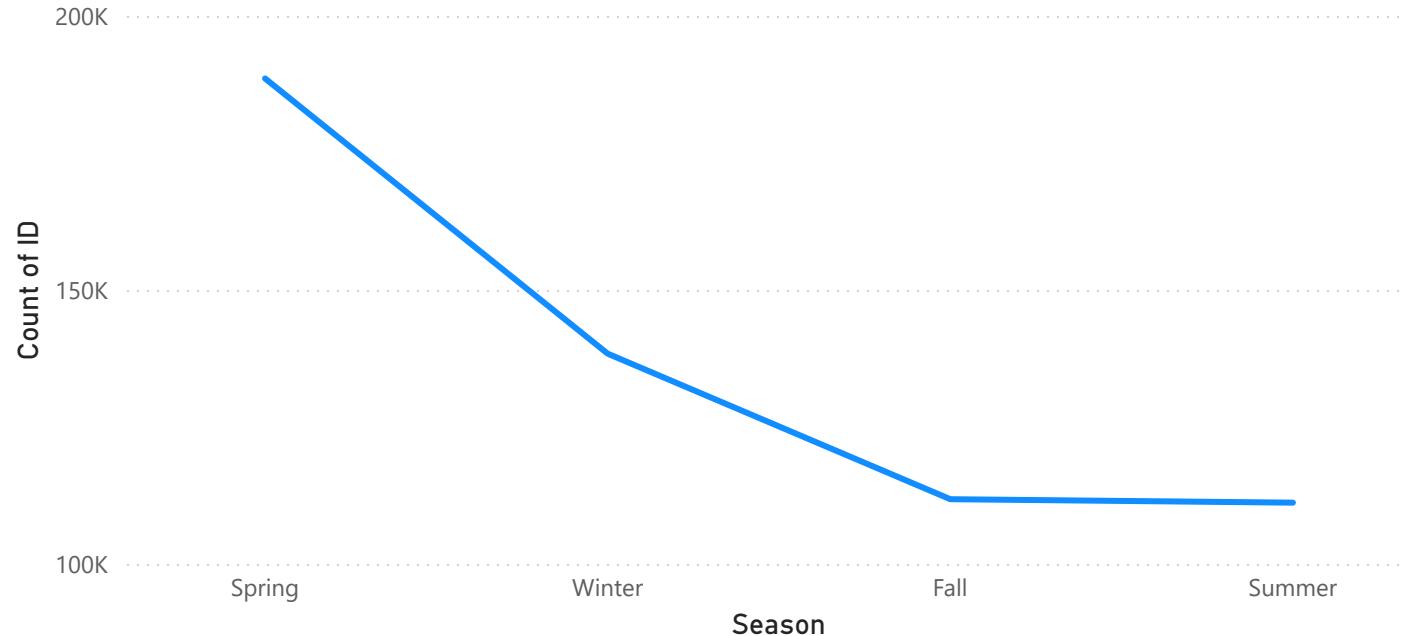


Count of Latitude, Count of Longitude and Count of Beat by Beat and added clusters

added clusters ● Cluster2



## Seasonal Impact Analysis



## Primary Type, Location Description

- Select all
- ARSON
- ASSAULT
- BATTERY
- BURGLARY
- CONCEALED CARRY LICENSE VIOLATION
- CRIM SEXUAL ASSAULT
- CRIMINAL DAMAGE
- CRIMINAL SEXUAL ASSAULT
- DOMESTIC ASSAULT
- DRUG/NARCOTIC
- FUGITIVE
- HOMICIDE
- KIDNAP
- LARCENY/THEFT
- MOTOR VEHICLE THEFT
- PERSONAL AGGRESSION
- PROSTITUTION
- RAPE
- ROBBERY
- STOLEN PROPERTY
- VANDALISM

| Location Description                   | Count of ID   |
|--|---------------|
| STREET                                 | 167729        |
| RESIDENCE                              | 90195         |
| APARTMENT                              | 58759         |
| SIDEWALK                               | 30151         |
| OTHER                                  | 14865         |
| ALLEY                                  | 12827         |
| SMALL RETAIL STORE                     | 11671         |
| PARKING LOT/GARAGE(NON.RESID.)         | 11234         |
| RESTAURANT                             | 9328          |
| DEPARTMENT STORE                       | 8377          |
| GROCERY FOOD STORE                     | 8030          |
| SCHOOL, PUBLIC, BUILDING               | 7379          |
| RESIDENCE-GARAGE                       | 7018          |
| COMMERCIAL / BUSINESS OFFICE           | 6970          |
| PARKING LOT / GARAGE (NON RESIDENTIAL) | 6695          |
| RESIDENCE PORCH/HALLWAY                | 6389          |
| CHA PARKING LOT/GROUNDS                | 6297          |
| GAS STATION                            | 5546          |
| VEHICLE NON-COMMERCIAL                 | 5215          |
| CHA APARTMENT                          | 4843          |
| PARK PROPERTY                          | 4003          |
| OTHER (SPECIFY)                        | 3241          |
| DRUG STORE                             | 2994          |
| CTA PLATFROM                           | 2972          |
| <b>Total</b>                           | <b>549999</b> |