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Dataset Overview (1/3)

A quick peek into our data, sharing a snapshot of what information we have and where it comes from.

Total number of rows: 292761 Total number of columns: 16 Column: CrimeDate Data type: object Type of attribute: Symbolic/Discrete Number of unique values: 2300 Three attribute values with the largest count: CrimeDate 04/27/2015 421 06/05/2016 12/20/2018 Name: count, dtype: int64 Missingness: 0.00% Data type: object Type of attribute: Symbolic/Discrete Number of unique values: 1475 Three attribute values with the largest count: CrimeTime 18:00:00 6772 17:00:00 6463 12:00:00 6037

Name: count, dtype: int64

Missingness: 0.01%

Data type: object Type of attribute: Symbolic/Discrete Number of unique values: 81 Three attribute values with the largest count: CrimeCode 4E 48061 6D 38977 25351 Name: count, dtype: int64 Missingness: 0.00% Data type: object Type of attribute: Symbolic/Discrete Number of unique values: 27064 Three attribute values with the largest count: Location 1500 RUSSELL ST 847 3500 BOSTON ST 708 2400 FREDERICK AVE 558 Name: count, dtype: int64 Missingness: 0.46%

Column: Description Data type: object Type of attribute: Symbolic/Discrete Number of unique values: 14 Three attribute values with the largest count: Description LARCENY 65508 COMMON ASSAULT 48061 BURGLARY 42237 Name: count, dtype: int64 Missingness: 0.00% Column: Inside/Outside Data type: object Type of attribute: Symbolic/Discrete Number of unique values: 4 Three attribute values with the largest count: Inside/Outside 128776 124454 5113 Outside Name: count, dtype: int64 Missinaness: 11.53%



Dataset Overview (2/3)

A quick peek into our data, sharing a snapshot of what information we have and where it comes from.

Column: Premise
Data type: object

Type of attribute: Symbolic/Discrete

Number of unique values: 125

Three attribute values with the largest count:

Premise
STREET 104827
ROW/TOWNHOUSE-OCC 54077

APT/CONDO - OCCUPIED 11689 Name: count, dtype: int64 Missingness: 11.62%

Column: vri_name1
Data type: object

Type of attribute: Symbolic/Discrete

Number of unique values: 8

Three attribute values with the largest count:

vri_name1

Tri-District 6607
Western 5825
Central 5420
Name: count, dtype: int64

Missingness: 88.19%

Column: Weapon

Data type: object
Type of attribute: Symbolic/Discrete

Number of unique values: 5

Three attribute values with the largest count:

Weapon

FIREARM 29036 OTHER 17313 KNIFE 10023

Name: count, dtype: int64 Missingness: 78.98%

Column: Post

Data type: object

Type of attribute: Symbolic/Discrete

Number of unique values: 259

Three attribute values with the largest count:

Post

114.0 4171 913.0 4109 111.0 3950

Name: count, dtype: int64 Missingness: 0.81% Column: Total Incidents

Data type: int64

Type of attribute: Numeric/Real/Continuous

Min: 1 Max: 1 Mean: 1.0 Median: 1.0

Standard Deviation: 0.0

Missingness: 0.00%





Dataset Overview (3/3)

A quick peek into our data, sharing a snapshot of what information we have and where it comes from.

Column: Longitude
Data type: float64

Type of attribute: Numeric/Real/Continuous

Min: -81.5291885 Max: -76.38322763 Mean: -76.61745184626443

Mean: -76.61745184626443 Median: -76.6139769

Standard Deviation: 0.043734476079280486

Missingness: 0.56%

Column: Latitude Data type: float64

Type of attribute: Numeric/Real/Continuous

Min: 37.57726184 Max: 39.66133158 Mean: 39.30674569832816 Median: 39.30267161

Standard Deviation: 0.02965788734702034

Missingness: 0.56%

Column: Location 1
Data type: float64

Type of attribute: Numeric/Real/Continuous

Min: nan Max: nan Mean: nan Median: nan

Standard Deviation: nan Missingness: 100.00% Column: District

Data type: object

Type of attribute: Symbolic/Discrete

Number of unique values: 10

Three attribute values with the largest count:

District

NORTHEAST 44207 SOUTHEAST 41816 CENTRAL 33508

Name: count, dtype: int64

Missingness: 0.00%

Column: Neighborhood Data type: object

Type of attribute: Symbolic/Discrete

Number of unique values: 278

Three attribute values with the largest count:

Neighborhood

DOWNTOWN 9312

FRANKFORD 6922
BELAIR-EDISON 6206
Name: count, dtype: int64

Missingness: 3.59%

Column: Weapon
Data type: object

Type of attribute: Symbolic/Discrete

Number of unique values: 5

Three attribute values with the largest count:

Weapon

FIREARM 29036 OTHER 17313 KNIFE 10023

Name: count, dtype: int64 Missingness: 78.98%

Column: Post

Data type: object

Type of attribute: Symbolic/Discrete

Number of unique values: 259

Three attribute values with the largest count:

Post

114.0 4171 913.0 4109 111.0 3950

Name: count, dtype: int64

Missingness: 0.81%

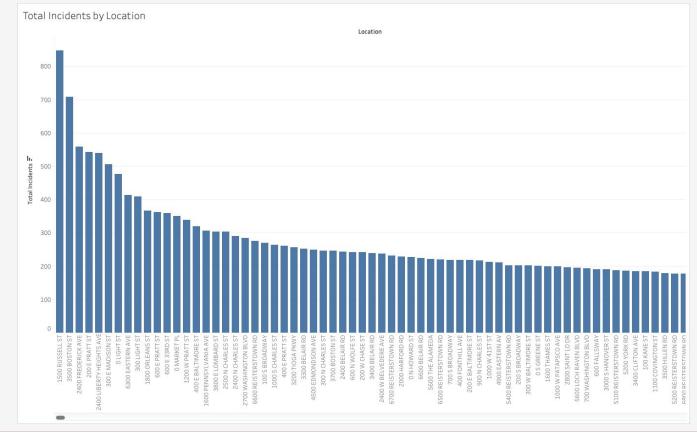






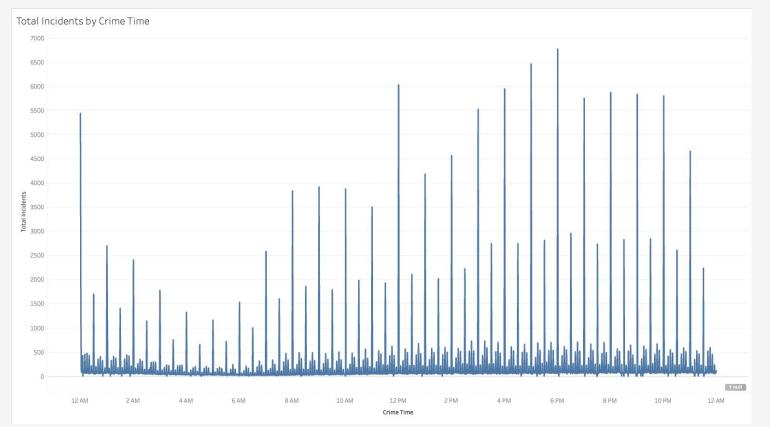


Dashboard (1/3)





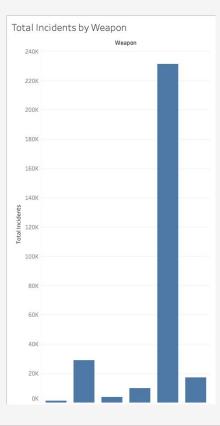
Dashboard (2/3)







Dashboard (3/3)







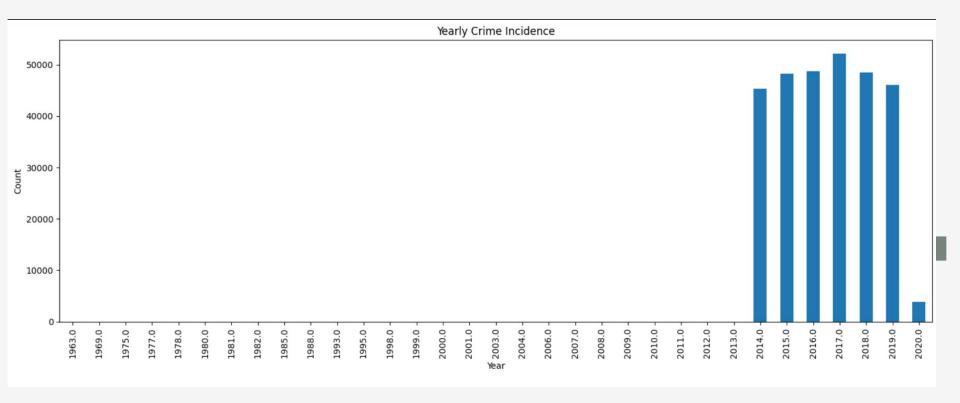






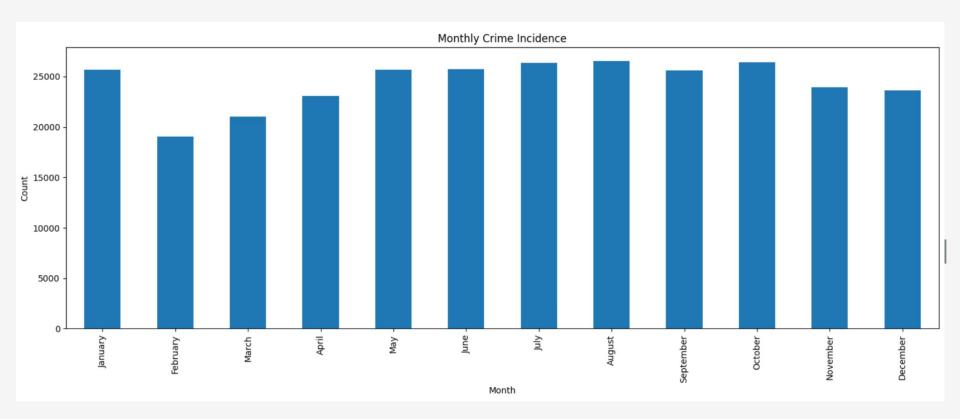


Deepdive - Temporal Analysis (1/3)



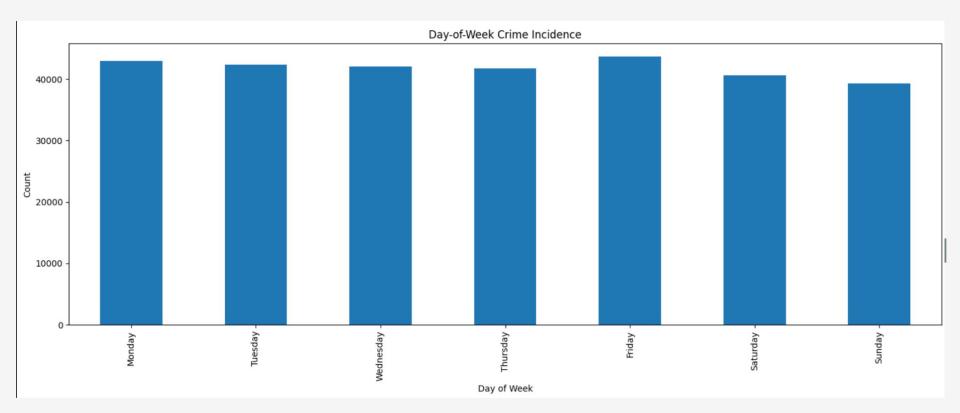


Deepdive - Temporal Analysis (2/3)

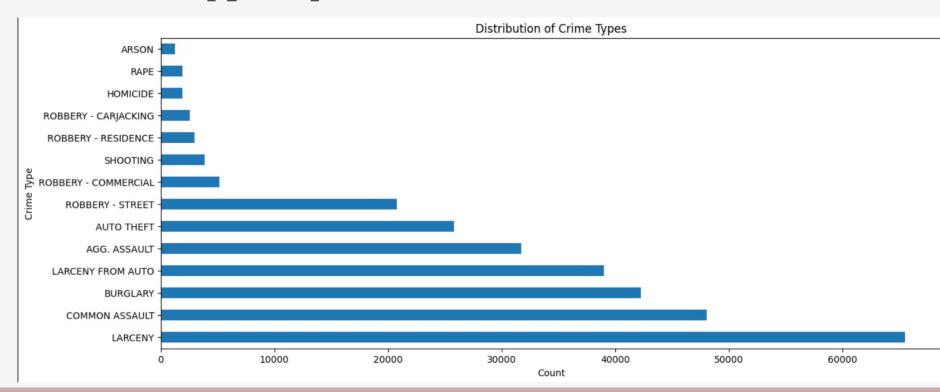




Deepdive - Temporal Analysis (3/3)

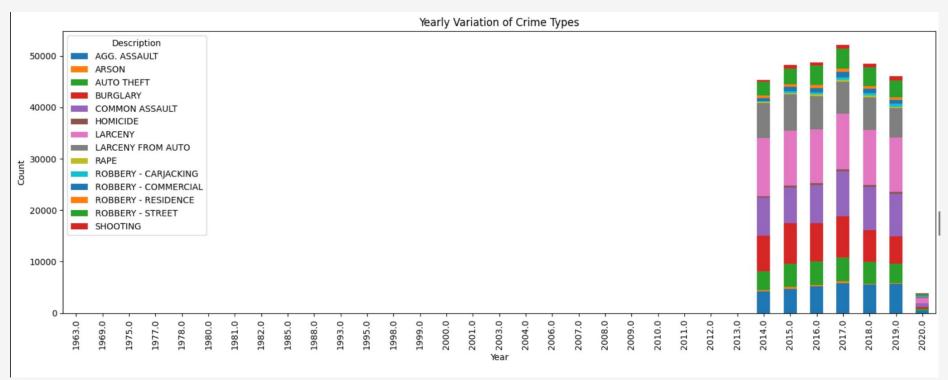


Crime Type by Geolocation and Time Period

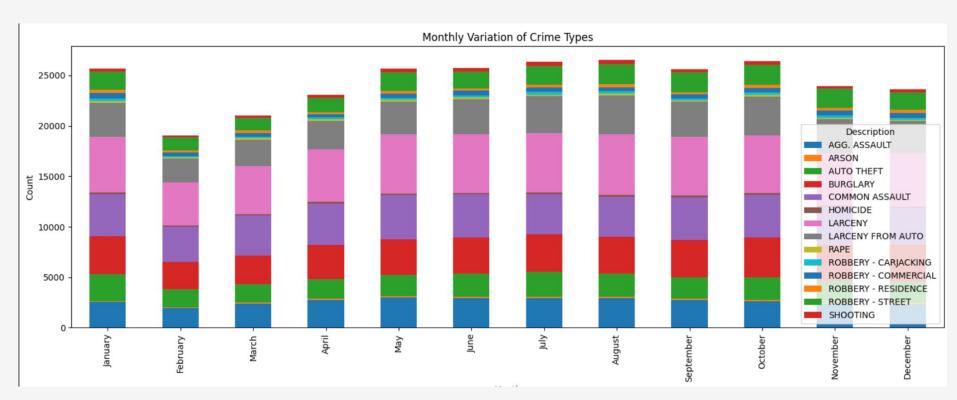




Crime Type Variance Analysis - (1/3)



Monthly Variation of Crime Types - (2/3)



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Day-of-Week Crime Variation - (3/3)

