**Chicago Crime Dataset**

**Description:**

This dataset contains the information about the crime incidents in the city of Chicago. Dataset is extracted from the Chicago Police Department's CLEAR (Citizen Law Enforcement Analysis and Reporting) system.

|  |  |
| --- | --- |
| **Source** | https://data.cityofchicago.org/ |
| **File Name** | Chicago.CSV |
| **Dataset** | Chicago Crime Dataset |
| **Region** | Chicago |
| **Note** | The range of the dataset is from 2001 – 2020(Current) https://data.cityofchicago.org/Public-Safety/Crimes-2001-to-Present/ijzp-q8t2 |

**Relevant and Cleaned dataset Attributes details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Attribute Value Type** | **Min - Max** | **Data Type** | **Example Values** | **Description** |
| Address | String | NA | Interval | 2700 GARRISON BOULEVARD | Street Address of the crime location |
| Offense | String | NA | Nominal | Burglar | Type of Offence |
| Latitude | Float | -81.5 – 39.6562 | Ratio | 40.1562 | Latitude coordinate of the crime location |
| Longitude | Float | 0 –39.6562 | Ratio | 28.25 | Longitude Coordinate of the crime location |
| Time | Datetime | 00:00:00 – 23:59:00 | Interval | 10:30:00 | Time of the crime |
| Day | Integer | 1–31 | Ratio | 22 | Day in which crime has occurred |
| Month | Integer | 1–12 | Ratio | 11 | Month of crime |
| Year | Integer | 2011–2020 | Ratio | 2013 | Year of crime |
| Shift | String | NA | Nominal | Morning | Time of the day |

**Austin Crime Dataset**

**Description:**

This dataset contains the information about the crime incidents in the city of Austin. Dataset is extracted from the Austin Police Department. The dataset contains those incidents which are responded and reported to the police department.

|  |  |
| --- | --- |
| **Source** | https://data.austintexas.gov/ |
| **File Name** | Austin.CSV |
| **Dataset** | Austin Crime Dataset |
| **Region** | Austin |
| **Note** | The range of the dataset is from 2003 – 2020(Current) https://data.austintexas.gov/Public-Safety/Crime-Reports/fdj4-gpfu |

**Relevant and Cleaned dataset Attributes details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Attribute Value Type** | **Min - Max** | **Data Type** | **Example Values** | **Description** |
| Address | String | NA | Interval | 900 ROSEWOOD AVENUE | Street Address of the crime location |
| Offense | String | NA | Nominal | Burglar | Type of Offence |
| Latitude | Float | 0.000120461 – 42.1562 | Ratio | 40.1562 | Latitude coordinate of the crime location |
| Longitude | Float | -98.25 –0.000133514 | Ratio | 68.25 | Longitude Coordinate of the crime location |
| Time | Datetime | 00:00:00 – 23:59:00 | Interval | 10:30:00 | Time of the crime |
| Day | Integer | 1-31 | Ratio | 22 | Day in which crime has occurred |
| Month | Integer | 1-12 | Ratio | 11 | Month of crime |
| Year | Integer | 2011–2020 | Ratio | 2013 | Year of crime |
| Shift | String | NA | Nominal | Morning | Time of the day |

**Baltimore Crime Dataset**

**Description:**

This dataset contains the information about the traffic crash on various city street of Baltimore. Dataset is extracted from the Baltimore Police Department (BPD). It does not contain crimes reported to FBI or other law enforcement services. It only contains reported crime to BPD

|  |  |
| --- | --- |
| **Source** | https://data.baltimorecity.gov/ |
| **File Name** | Baltimore.CSV |
| **Dataset** | Baltimore Crime Dataset |
| **Region** | Baltimore |
| **Note** | The range of the dataset is from 1963 – 2020(Current) https://data.baltimorecity.gov/Public-Safety/BPD-Part-1-Victim-Based-Crime-Data/wsfq-mvij |

**Relevant and Cleaned dataset Attributes details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Attribute Value Type** | **Min - Max** | **Data Type** | **Example Values** | **Description** |
| Address | String | NA | Interval | 137XX SOUTH TORRENCE AVENUE | Street Address of the crime location |
| Offense | String | NA | Nominal | Shooting | Type of Offence |
| Latitude | Float | 36.625 –42.0312 | Ratio | 40.1562 | Latitude coordinate of the crime location |
| Longitude | Float | -91.6875– -87.25 | Ratio | -88.25 | Longitude Coordinate of the crime location |
| Time | Datetime | 00:00:00 – 23:59:00 | Interval | 10:30:00 | Time of the crime |
| Day | Integer | 1–31 | Ratio | 22 | Day in which crime has occurred |
| Month | Integer | 1–12 | Ratio | 11 | Month of crime |
| Year | Integer | 2011–2020 | Ratio | 2013 | Year of crime |
| Shift | String | NA | Nominal | Morning | Time of the day |
| Weapon | String | NA | Nominal | Gun | Weapon Used in the crime |

**Rochester Crime Dataset**

**Description:**

This dataset contains the information about the traffic crash on various city street of Rochester. Dataset is extracted from the reported crime in the Rochester Police Department

|  |  |
| --- | --- |
| **Source** | https://data-rpdny.opendata.arcgis.com |
| **File Name** | Rochester.CSV |
| **Dataset** | Rochester Crime Dataset |
| **Region** | Rochester |
| **Note** | The range of the dataset is from 2001 – 2020(Current) https://data-rpdny.opendata.arcgis.com/datasets/rpd-part-i-crime-2011-to-present/ |

**Relevant and Cleaned dataset Attributes details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Attribute Value Type** | **Min - Max** | **Data Type** | **Example Values** | **Description** |
| Address | String | NA | Interval | XXX LYELL AVENUE | Street Address of the crime location |
| Offense | String | NA | Nominal | Robbery | Type of Offence |
| Latitude | Float | 43.0938 –43.2812 | Ratio | 43.1562 | Latitude coordinate of the crime location |
| Longitude | Float | -77.6875–-77.5625 | Ratio | -77.25 | Longitude Coordinate of the crime location |
| Time | Datetime | 00:00:00 – 23:59:00 | Interval | 10:30:00 | Time of the crime |
| Day | Integer | 1–31 | Ratio | 22 | Day in which crime has occurred |
| Month | Integer | 1–12 | Ratio | 11 | Month of crime |
| Year | Integer | 2011–2020 | Ratio | 2013 | Year of crime |
| Shift | String | NA | Nominal | Morning | Time of the day |
| Weapon | String | NA | Nominal | Gun | Weapon Used in the crime |

**Los Angeles Crime Dataset**

**Description:**

This dataset contains the information about the traffic crash on various city street of Los Angeles. Dataset is extracted from reported incident in the LA Police Department.

|  |  |
| --- | --- |
| **Source** | https://data.lacity.org |
| **File Name** | LACity.CSV |
| **Dataset** | Los Angeles Crime Dataset |
| **Region** | Los Angeles |
| **Note** | The range of the dataset is from 2003 – 2020(Current) https://data.lacity.org/A-Safe-City/Crime-Data-from-2010-to-2019/63jg-8b9z |

**Relevant and Cleaned dataset Attributes details:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute** | **Attribute Value Type** | **Min - Max** | **Data Type** | **Example Values** | **Description** |
| Address | String | NA | Interval | 800 SOUTH WESTMORELAND | Street Address of the crime location |
| Offense | String | NA | Nominal | Burglar | Type of Offence |
| Latitude | Float | 0 – 34.7812 | Ratio | 20.1562 | Latitude coordinate of the crime location |
| Longitude | Float | -118.812 – 0 | Ratio | -68.25 | Longitude Coordinate of the crime location |
| Time | Datetime | 00:00:00 – 23:59:00 | Interval | 10:30:00 | Time of the crime |
| Day | Integer | 1-31 | Ratio | 22 | Day of crime |
| Month | Integer | 1-12 | Ratio | 11 | Month of crime |
| Year | Integer | 2011-2020 | Ratio | 2013 | Year of crime |
| Shift | String | NA | Nominal | Morning | Time of the day |
| Vict Age | Integer | -8 – 118 | Ratio | 32 | Age of the victim |
| Vict Sex | Character | NA | Nominal | M | Sex of the victim |
| Vict Descent | Integer | NA | Nominal | Asian | Race of Victim |
| Weapon | String | NA | Nominal | Gun | Weapon Used in the crime |