| **Column name** | **Type** | **Description** |
| --- | --- | --- |
| [None] | int | index |
| date\_local | datetime | Date of AQI reading |
| state\_name | str | The name of the state |
| county\_name | str | The name of the U.S. county |
| city\_name | str | U.S. City where monitoring occurred |
| local\_site name | str | The identifier of the site in the owning agency's (e.g., not US EPA) nomenclature |
| parameter\_name | str | The description assigned in the air quality system to the parameter measured by the monitor. Parameters may be pollutants or non-pollutants (e.g., wind speed). |
| units\_of\_measure | str | The unit of measure for all data in that row. Every parameter has a standard unit of measure. |
| aritmetic\_mean | int | The measure of central tendency obtained from the sum of the observed pollutant data values in the quarterly data set divided by the number of values that comprise the sum for the quarterly data set. For criteria pollutants, the sum of values only adds the values with the appropriate flagging and concurrence for the exceptional data type. |
| aqi | int | “Air Quality Index” – AQI is like a thermometer that runs from 0 to 500. The higher the AQI value, the greater the level of air pollution and the greater the health concern. |