## DATA DICTIONARY OF AQI

| Column Name | Description | Category |
|---|---|---|
| location_id | Identifier for the location where the air quality data was collected. | Numerical |
| date_local | The date of the air quality measurement in local time. | Categorical |
| AQI | The Air Quality Index (AQI) value, representing the overall air quality. | Numerical |
| 1st Max Value | The highest recorded concentration value for the specified parameter. | Numerical |
| 1st Max Hour | The hour when the highest concentration value was recorded. | Numerical |
| Arithmetic Mean | The average concentration of the specified parameter over the given date. | Numerical |
| state_code | Code representing the state where the location is located. | Categorical |
| county_code | Code representing the county where the location is located. | Categorical |
| latitude | The latitude coordinates of the location. | Numerical |
| longitude | The longitude coordinates of the location. | Numerical |
| state_name | The name of the state where the location is located. | Categorical |
| country_name | The name of the country where the location is located. | Categorical |
| city_name | The name of the city where the location is located. | Categorical |