Traffic Speeds Dataset (generated from speed detectors throughout the five boroughs in NYC)

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| Name | Description | Type | Range of values |
| speed | Average speed a vehicle traveled between end points on the link in the most recent interval (miles per hour) | Double | Min: 0.0  Max: 186.41 |
| travelTime | Time the average vehicle took to traverse the link (seconds?) | Integer | Min: 0  Max: 36430 |
| observationTime (GMT) | Last time data was received from link | DateTime (yyyy-MM-dd h:m:s) | Min: 2014-03-21T15:23:00  Max: 2019-10-29T13:13:12 |
| latitudeStart | The initial latitude coordinate the sensor detects | Double | NA |
| longitudeStart | The initial longitude coordinate the sensor detects | Double | NA |
| latitudeEnd | The final latitude coordinate the sensor detects | Double | NA |
| longitudeEnd | The final longitude coordinate the sensor detects | Double | NA |
| Borough | NYC borough | Enum | Brooklyn, Bronx, Manhattan, Queens, Staten Island |
| Address | Description of the link location and end points | String | Min length: 16 chars  Max length: 77 chars |

Central Park Weather Dataset (Surface Hourly Weather Data measured at Central Park in New York)- period 2005 to 2019

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| Name | Description | Type | Range of values |
| observationTime (UTC) | Time of observation (approximately every hour) | DateTime (yyyy-MM-dd HH:mm) | Min: 2005-01-01 00:51 GMT  Max: 2019-10-30 05:16 GMT |
| Wind speed | Speed in miles per hour | Integer | Max: 44  Min: 0 |
| Visibility | Visibility in statute miles to nearest tenth | Float | Max: 10.0  Min: 0.0 |
| Weather\_code | The code that denotes a specific type of weather observed | Enum | 00-19: No precipitation, fog, ice fog (except for 11 and 12),  duststorm, sandstorm, drifting or blowing snow at the station at the  time of observation or, except for 09 and 17, during the preceding  hour  20-29: Precipitation, fog, ice fog or thunderstorm at the station  during the preceding hour, but not at the time of observation  30-39: Duststorm, sandstorm, or blowing snow  40-49: Fog or ice fog at the time of observation  50-59: Drizzle  60-69: Rain  70-79: Solid precipitation not in showers  80-99: Showery precipitation, or precipitation with current or recent thunderstorm  We can refer to the dataset documentation for a more specific weather type for each code. |
| Temperature (F) | Temperature in Fahrenheit | Integer | Max: 102  Min: -1 |
| Precipitation | Precipitation for the preceding 1 hour period, in inches and hundredths | Float | Max: 1.70  Min: 0.00 |

Speed Limits in NYC as of Oct 1, 2019

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| Name | Description | Type | Range of values |
| street | The name of the street | String | Max String Length: 35 |
| speedLimit | The maximum speed allowed | Integer | Max: 50 mph  Min: 0 mph  Average: 25.73 mph |
| latitudeStart | The initial latitude coordinate the sensor detects | Double | N/A |
| longitudeStart | The initial longitude coordinate the sensor detects | Double | N/A |
| latitudeEnd | The final latitude coordinate the sensor detects | Double | N/A |
| longitudeEnd | The final longitude coordinate the sensor detects | Double | N/A |
| isSigned | Specifies if the region has a sign with the speed limit | Boolean | Signed Yes: 4,3228  Signed No: 109,526  Total: 113,854 |
| shapeLeng | Length in meters of the geometry | Double | Max: 10248.67  Min: 3.102  Average: 269.90 |