Data attributes for trajectory. Square brackets indicate an array of values.

|  |  |  |
| --- | --- | --- |
| Attribute | Unit | Description |
| id | - | Id of vehicles |
| time | - | Time in the format of YYYYMMDDHHMM.S. |
| x\_pix | pixel | The horizontal pixel coordinate of vehicle |
| y\_pix | pixel | The vertical pixel coordinate of vehicle |
| w\_pix | pixel | The width of an object in pixels. |
| h\_pix | pixel | The height of an object in pixels. |
| edge | - | The position of edge or intersection. |
| lane | - | The position of lane at given edge, If vehicle is in intersection, the lane is 0. |
| x\_utm | m | The UTM x-coordinate of vehicle |
| y\_utm | m | The UTM y-coordinate of vehicle |
| t\_sec | sec | The record time in seconds |
| v |  | Speed of the vehicle |
| a |  | Acceleration of the vehicle |
| pre\_id | - | Vehicle id of previous vehicle |
| pre\_v |  | Speed of previous vehicle |
| delta\_d | m | Distance between the outer contours of subject vehicle and the preceding vehicle |

Data attributes for a single vehicle trajectory.

|  |  |  |
| --- | --- | --- |
| **Attribute** | **Unit** | **Description** |
| id | - | Id of vehicles |
| length | m | Vehicle length |
| start\_time | s | The time when vehicle enters the corridor |
| trip\_time | s | The travel time when vehicle drives in the corridor |
| edge\_start | - | The edge when vehicle enters the corridor |
| edge\_end | - | The edge when vehicle enters the corridor |
| turn\_I1 | - | The turning information of vehicle at intersection 1 (node1) |
| turn\_I2 | - | The turning information of vehicle at intersection 2 (node2) |
| turn\_I3 |  | The turning information of vehicle at intersection 3 (node3) |