|  |  |
| --- | --- |
| TimeStamp | Time step at the rate of seconds |
| Veh\_Id | The id of the vehicle. The ids are assigned in ascending order. |
| Veh\_Type | Type of the vehicle (1 - MTW, 2 - Car, 3 - HCV/Others, 4 - Auto) |
| Length | Length of the respective ID vehicle |
| Width | Width of the respective ID vehicle |
| Lon\_smooth | Longitudinal position of the respective ID vehicle |
| v\_smooth | Longitudinal velocity of the respective ID vehicle |
| a\_smooth | Longitudinal acceleration of the respective ID vehicle |
| Lat\_smooth | Lateral position (center) of the respective ID vehicle |
| vy\_smooth | Lateral velocity of the respective ID vehicle |
| ay\_smooth | Lateral acceleration of the respective ID vehicle |
| Lat\_right | Lateral position (right edge) of the respective ID vehicle |
| Lat\_left | Lateral position (left edge) of the respective ID vehicle |
|  |  |
| Overlapping\_Veh\_Id | The id of the vehicle in front of the subject vehicle (If there are no vehicle it'll be assigned zero and all the other variables related will also be zero) |
| ov\_type | Type of the vehicle (1 - MTW, 2 - Car, 3 - HCV/Others, 4 - Auto) |
| ov\_Length | Length of the front vehicle |
| ov\_Width | Width of the front vehicle |
| ov\_longposition | Longitudinal position of the front vehicle |
| ov\_longvelocity | Longitudinal velocity of the front vehicle |
| ov\_longaccln | Longitudinal acceleration of the front vehicle |
| ov\_latposition | Lateral position (center) of the front vehicle |
| ov\_latvelocity | Lateral velocity of the front vehicle |
| ov\_lataccln | Lateral acceleration of the front vehicle |
| ov\_latright | Lateral position (right edge) of the front vehicle |
| ov\_latleft | Lateral position (left edge) of the front vehicle |
|  |  |
| nonoverlapping\_left | The id of the left vehicle in front of the subject vehicle (If there are no vehicle it'll be assigned zero and all the other variables related will also be zero) |
| nol\_type |  |
| nol\_Length |  |
| nol\_Width |  |
| nol\_longposition |  |
| nol\_velocity |  |
| nol\_accln |  |
| nol\_latposition |  |
| nol\_latvelocity |  |
| nol\_lataccln |  |
| nol\_latright |  |
| nol\_latleft |  |
|  |  |
| nonoverlapping\_right | The id of the right vehicle in front of the subject vehicle (If there are no vehicle it'll be assigned zero and all the other variables related will also be zero) |
| nor\_type |  |
| nor\_Length |  |
| nor\_Width |  |
| nor\_longposition |  |
| nor\_velocity |  |
| nor\_accln |  |
| nor\_latposition |  |
| nor\_latvelocity |  |
| nor\_lataccln |  |
| nor\_latright |  |
| nor\_latleft |  |
|  |  |
| adjacent\_left | The id of the left vehicle adjacent/next to the subject vehicle (If there are no vehicle it'll be assigned zero and all the other variables related will also be zero) |
| al\_type |  |
| al\_Length |  |
| al\_Width |  |
| al\_longposition |  |
| al\_velocity |  |
| al\_accln |  |
| al\_latposition |  |
| al\_latvelocity |  |
| al\_lataccln |  |
| al\_latright |  |
| al\_latleft |  |
|  |  |
| adjacent\_right | The id of the right vehicle adjacent/next to the subject vehicle (If there are no vehicle it'll be assigned zero and all the other variables related will also be zero) |
| ar\_type |  |
| ar\_Length |  |
| ar\_Width |  |
| ar\_longposition |  |
| ar\_velocity |  |
| ar\_accln |  |
| ar\_latposition |  |
| ar\_latvelocity |  |
| ar\_lataccln |  |
| ar\_latright |  |
| ar\_latleft |  |
|  |  |
| following\_veh | The id of the vehicle behind the subject vehicle (If there are no vehicle it'll be assigned zero and all the other variables related will also be zero) |
| fv\_type |  |
| fv\_Length |  |
| fv\_Width |  |
| fv\_longposition |  |
| fv\_velocity |  |
| fv\_accln |  |
| fv\_latposition |  |
| fv\_latvelocity |  |
| fv\_lataccln |  |
| fv\_latright |  |
| fv\_latleft |  |
|  |  |
| nonfollowing\_left | The id of the left vehicle behind the subject vehicle (If there are no vehicle it'll be assigned zero and all the other variables related will also be zero) |
| nfl\_type |  |
| nfl\_Length |  |
| nfl\_Width |  |
| nfl\_longposition |  |
| nfl\_velocity |  |
| nfl\_accln |  |
| nfl\_latposition |  |
| nfl\_latvelocity |  |
| nfl\_lataccln |  |
| nfl\_latright |  |
| nfl\_latleft |  |
|  |  |
| nonfollowing\_right | The id of the right vehicle behind the subject vehicle (If there are no vehicle it'll be assigned zero and all the other variables related will also be zero) |
| nfr\_type |  |
| nfr\_Length |  |
| nfr\_Width |  |
| nfr\_longposition |  |
| nfr\_velocity |  |
| nfr\_accln |  |
| nfr\_latposition |  |
| nfr\_latvelocity |  |
| nfr\_lataccln |  |
| nfr\_latright |  |
| nfr\_latleft |  |

