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| --- | --- | --- | --- |
| Feature Name | Feature Meaning | Feature Type | Values |
| data\_inversa | accident date | Categorical | - |
| dia\_semana | weekday of the accident | Categorical | - |
| horario | accident hour | - | 00 - 23 |
| uf | state | Categorical | MG, PR, SC, RS, SP, RJ, BA, GO, PE, MT, ES, CE, MS, PB, RO, PA, RN, MA, PI, DF, AL, TO, SE, AC, RR, AP, AM |
| br | highway number | Categorical | E.g.: 101, 116, 381… |
| km | Kilometer | Numerical | E.g: 1, 2, 4… |
| municipio | city | Categorical | E.g.: Curtiba, Brasília,  São José |
| causa\_acidente | accident cause | Categorical | lack of attention to  driving, lack of attention,  other, incompatible  speed, alcohol ingestion,  unsafely distance, disobedience to the rules of transit by the driver, mechanical problem, driver asleep, animal in the road, improper overshoot, slippery track, defect on the road, lack of attention of the pedesatrian, problems on  the tire, sudden onset, visibility restriction, static object on the dockable bed, excessive cargo,  nature phenomena,  insufficient or inadequate road signs, no lights on the vehicle, drugs ingestion, external  offensive |
| tipo\_acidente | accident type | Categorical | rear collision, lateral  collision, transversal  collision, carriage bed  outlet, out of road,  collision with static  object, rollover, tipping,  frontal collision,  pedestrian trampling,  vehicle fall, animal  trampling, vehicle  occupant fall, fire, bike  collision, pestle, collision  with moving object,  cargo spill, eventual  damage |
| classificacao\_acidente | accident classification  (target variable) | Categorical | injured victims, no  victims, dead victims |
| fase\_dia | moment of the day | Categorical | day, night, nightfall, dawn |
| sentido\_via | road way | Categorical | crescent, decrescent, not  informed |
| condicao\_meteorologica | Climate | Categorical | Clear sky, cloudy, rain,  sun, drizzle, foggy, snow,  hail, windy |
| tipo\_pista | road type | Categorical | simple, double, multiple |
| tracado\_via | road layout | Categorical | straight, curve, not  available, intersection,  temporary detour,  roundabout, viaduct,  bridge, return, tunnel,  straight, curve, crossing |
| uso\_solo | soil use | Categorical | yes, no, urban, country |
| pessoas | Number of people | Numerical | - |
| mortos | Number of deaths | Numerical | - |
| feridos\_leves | Number of light injured | Numerical | - |
| feridos\_graves | Number of severe  injured | Numerical | - |
| ilesos | Number of people not  harmed | Numerical | - |
| ignorados | Number people that we  don’t have information  about | Numerical | - |
| feridos | Total number of injured | Numerical | - |
| veiculos | Number of cars | Numerical | - |
| Latitude | Latitude | Numerical | - |
| Longitude | Longitude | Numerical | - |