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| **TRAFFIC FACT** | | | | | | |
| Attribute | Data Type | Key | Unique | Nullable | Indexed | Description |
| time\_key | INTEGER | PRIMARY + FOREIGN | YES | NO | YES | Part of a compound primary key to uniquely identify each row of data. |
| location\_key | INTEGER | PRIMARY + FOREIGN | YES | NO | YES | Part of a compound primary key to uniquely identify each row of data. |
| vehicle\_type\_key | INTEGER | PRIMARY + FOREIGN | YES | NO | YES | Part of a compound primary key to uniquely identify each row of data. |
| no\_of\_vehicles | INTEGER |  | NO | NO | NO | A count of the number of vehicles on the road. |
| no\_of\_incidents | INTEGER |  | NO | NO | NO | A count of the number of reported incidents on the road. |
| incidents\_involving\_cyclists | INTEGER |  | NO | NO | NO | A count of the number of reported incidents on the road that involved cyclists. |
| **time\_dim** | | | | | | |
| time\_key | INTEGER | PRIMARY | YES | NO | YES | A key to uniquely identify each time period. |
| year | INTEGER |  | YES | NO | NO | A four digit calendar year. |
| **location\_dim** | | | | | | |
| location\_key | INTEGER | PRIMARY | YES | NO | YES | A key to uniquely identify each location. |
| road | VARCHAR(8) |  | YES | NO | YES | The name of a road. |
| road\_category | VARCHAR(2) |  | NO | NO | YES | The category of a road.  Categories:  PM M or Class A Principal Motorway  PR Class A Principal road in Rural area  PU Class A Principal road in Urban area  TM M or Class A Trunk Motorway  TR Class A Trunk road in Rural area  TU Class A Trunk road in Urban area  BR Class B road in Rural area  BU Class B road in Urban area  CR Class C road in Rural area  CU Class C road in Urban area  UR Class U road in Rural area  UU Class U road in Urban area |
| category\_start\_year | INTEGER |  | NO | NO | NO | The year a road was first classed in this category. |
| category\_end\_year | INTEGER |  | NO | YES | NO | The year a road was last classed in this category. |
| **vehicle\_type\_dim** | | | | | | |
| vehicle\_type\_key | INTEGER | PRIMARY | YES | NO | YES | A key to uniquely identify each type of vehicle. |
| description | VARCHAR(20) |  | YES | NO | NO | A description of the type of vehicle |
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* Note: In the location\_dim table, indexes are included on the columns ‘road’ and ‘road category’. This is to improve performance as reports are very likely to be based on one or both of these criteria.