**In order with the dataset**

**Attributes**

|  |
| --- |
| **Line number (technical: line)** |
| The line number used by the VBZ (sometimes not identical to the published line). Data type: (smallint, 3). |
| Value between 2 919 |
| **Direction (technical: direction)** |
| The direction of a ride. Values: 1 or 2. Data Type: (tinyint, 1). |
| **Operating date (technical: operating date)** |
| The current date for the stop event. Operating day: 5:00 to next day 01:30. Data type: (datetime, 8).  ‘ ‘ format, starts with day |
| **Vehicle number (technical: vehicle)** |
| The VBZ internally used vehicle number. Data type: (int, 10).  Starts from 2000 to 10300 not about 465 |
| **Course number (technical: course)** |
| The VBZ internally used course number: Data type: (tinyint, 2).  Ints between 1 and 71 |
| **Sequence of the stop of (technically: seq\_von)** |
| The sequence of the «from» stop of a ride: Data Type: (int, 10).  Sequential from 1 to 37 - \*\* Get more information |
| **Stop number DIVA from (technical: halt\_diva\_von)** |
| The VBZ internally used stop number of the «from» stop: Data type: (int, 10). |
| **Breakpoint number from (technical: halt\_punkt\_diva\_von)** |
| The VBZ internally used breakpoint number of the «from» stop: Data type: (int, 10). |
| **Short code stop of (technically: halt\_kurz\_von1)** |
| The VBZ internally used stop of the "from" stop: Data type: (varchar (8)). |
| **Date of (technically: date\_of)** |
| The date of the bus stop event of the «from» stop: Data type: (datetime, 8). |
| **Target arrival of (technical: soll\_an\_von)** |
| The target arrival of «from» stops in seconds: Data type: (int, 10). |
| **Istankunft of (technical: ist\_an\_von)** |
| The actual arrival of "from" sites in seconds: Data type: (int, 10). |
| **Descent from (technical: soll\_ab\_von)** |
| The nominal departure of «from» stops in seconds: Data type: (int, 10). |
| **Actual departure from (technical: ist\_ab\_von)** |
| The actual departure of «from» stops in seconds: Data type: (int, 10). |
| **Sequence of the stop after (technical: seq\_nach)** |
| The sequence of the «after» stop of a trip: Data type: (int, 10). |
| **Stop number DIVA after (technical: halt\_diva\_nach)** |
| The VBZ internally used stop number of the "after" stop: Data type: (int, 10). |
| **Breakpoint number DIVA after (technical: halt\_punkt\_diva\_nach)** |
| The VBZ internally used breakpoint number of the "after" stop: Data type: (int, 10). |
| **Short code stop after (technical: halt\_kurz\_nach1)** |
| The VBZ internally used stop of the "after" stop: Data type: (varchar (8)). |
| **Date after (technically: date\_after)** |
| The date of the stop event of the «after» stop: Data type: (datetime, 8). |
| **Sollankunft according to (technical: soll\_an\_nach)** |
| The target arrival of the "after" stops in seconds: Data type: (int, 10). |
| **Istankunft after (technical: ist\_an\_nach1)** |
| The actual arrival of the "after" stops in seconds: Data type: (int, 10). |
| **Sollabfahrt to (technically: soll\_ab\_nach)** |
| The nominal departure of the "after" stops in seconds: Data type: (int, 10). |
| **Istabfahrt to (technical: ist\_ab\_nach)** |
| The actual departure of the "after" stops in seconds: Data type: (int, 10). |
| **Ride ID (technical: ride\_id)** |
| The VBZ internally used ID of one trip per operating day: Data type: (bigint, 19). |
| **Track ID (technically: fahrweg\_id)** |
| The VBZ-internally used foreign key for route record: Data type: (bigint, 19). |
| **Track number (technical: fw\_no)** |
| The VBZ internally used route number: Data type: (smallint, 5). |
| **Travel type (technical: fw\_typ)** |
| The VBZ internal used travel type: Data type: (tinyint, 1). |
| **Track short code (technically: fw\_kurz)** |
| The VBZ internally used shortcut code: Data type: (varchar (6)). |
| **Track name (technical: fw\_lang)** |
| The VBZ internally used route description: Data type: (varchar (40)). |
| **Circulation number (technical: circulating\_from)** |
| The VBZ internally used ID of one round of trips per operating day. Corresponds to a collection, sequence of rides. Data type: (bigint, 19). |
| **Halt ID of (technically: halt\_id\_von)** |
| Foreign key to the bus stop (halt\_id); Assignment of «from» stop: Data type: (bigint, 19). |
| **Halt ID after (technically: halt\_id\_nach)** |
| Foreign key to the bus stop (halt\_id); Assignment of the "after" stop: Data type: (bigint, 19). |
| **Breakpoint ID from (technically: halt\_punkt\_id\_von)** |
| Foreign key to the breakpoint root (halt\_punkt\_id); Assignment of the «from» holding point: Data type: (bigint, 19). |
| **Breakpoint ID after (technically: halt\_punkt\_id\_nach)** |
| Foreign key to the breakpoint root (halt\_punkt\_id); Assignment of the "after" holding point: Data type: (bigint, 19). |
| **Breakpoint ID (technical: halt\_punkt\_id)** |
| Key field breakpoint. Data type: (bigint, 19). |
| **Breakpoint number DIVA (technical: halt\_punkt\_diva)** |
| The VBZ internally used breakpoint number (occurring redundantly in drive times\_SOLL\_IST). Values ​​0-99. Data type (int, 2). |
| **Stop ID (technical: halt\_id)** |
| Key field stop. Data type: (bigint, 19). |
| **Y-coordinate (technical: GPS\_Latitude)** |
| The y-coordinate (latitude) of the breakpoint in WGS84. Data type (int, 10). |
| **X-coordinate (technical: GPS\_Longitude)** |
| The x-coordinate (longitude) of the breakpoint in WGS84. Data type (int, 10). |
| **Compass direction (technical: GPS\_Bearing)** |
| The compass direction of the breakpoint. Data type (int, 10). |
| **Breakpoint status (technically: halt\_punkt\_ist\_aktiv)** |
| Stop active / inactive. Values: true / false. Data type (boolean: bit, 1). |
| **Stop ID (technical: halt\_id1)** |
| Key field stop. Data type: (bigint, 19). |
| **Stop number DIVA (technical: halt\_diva)** |
| The VBZ internally used bus stop number. Data type: (int, 10). |
| **Stop short code (technical: halt\_kurz)** |
| The VBZ internally used stop abbreviation. Data type (varchar (8)). |
| **Station Description (technical: halt\_lang)** |
| Stops designation. Data type (varchar (40)). |
| **Stop status (technical: halt\_ist\_aktiv)** |
| Stop active / inactive. Values: true / false. Data type (boolean: bit, 1). |