Scenario: Logistics (Location Tracking)

Use TDengine

SQL statements:

1. Create Database:

create database logisticsdb replica 2 keep 365 days 7 blocks 4 update 1;

1. Create Tables:

create table car1 (ts TIMESTAMP, car\_number BINARY(10), longitude float, latitude float, speed float, order\_id BINARY (10), status BINARY (10)) ;

create table car2 (……) ;

create table car3 (……) ;

……

1. Insert Data:

insert into car1 values(now, ‘京A12345’, 116.29, 38.03, 9.2, ‘ORDER\_202207071424’, ‘正常’);

insert into car2 values(now, ‘京B12321’, 118.83, 35.22, 58.1, ‘ORDER\_202207071426’, ‘正常’);

insert into car3 values(now, ‘京C54321’, 102.69, 25.01, 21, ‘ORDER\_202207071433’, ‘正常’);

……

1. Execute Query:

(query the data of order ‘ORDER\_202207071424’ of car1 in 365 days)

select \* from car1 where order\_id = ‘ORDER\_202207071424’;