

```
CREATE TABLE Car_Company (
```

```
    Company_ID varchar(20),  
    Company_Name varchar(30),  
    PRIMARY KEY(Company_ID)  
);
```

```
Insert into car_company values ('VW','Volkswagen');
```

```
CREATE TABLE Brand (
```

```
    Brand_Name varchar(30),  
  
    Company_ID varchar(30),  
    PRIMARY KEY(Brand_Name),  
    FOREIGN KEY (Company_ID) REFERENCES Car_Company(Company_ID)  
);
```

```
Insert into Brand values ('Bugatti','VW');
```

```
Insert into Brand values ('Audi','VW');
```

```
Insert into Brand values ('Bentley','VW');
```

```
Insert into Brand values ('Lamborghini','VW');
```

```
Insert into Brand values ('Porsche','VW');
```

```
Insert into Brand values ('Skoda','VW');
```

```
CREATE TABLE Supplier (
```

```
    S_Name varchar(30),  
    S_Location varchar(30),  
    Supplier_ID varchar(30),  
    PRIMARY KEY(Supplier_ID)  
);
```

```
Insert into supplier values
```

```
('Bridgestone_Corporation','Japan','1S'),
```

```
('Aleris_Switzerland_GmbH','Switzerland','2S'),
```

```
('ALLGAIER_Automotive_GmbH','Germany','3S'),
```

```
('Poddar_Motors','India','4S'),
```

```
('Gargee_Corp','China','5S'),
```

```
('Saurav_Motors','Africa','6S'),
```

```
('Bajaj&Sons','Italy','7S'),
```

```
('Aman_Yasuo','New Zealand','8S');
```

```
CREATE TABLE Manufacturer (  
  M_Name varchar(30),  
  M_Location varchar(30),  
  Manufacturer_ID varchar(30),  
  PRIMARY KEY(Manufacturer_ID)  
);
```

Insert into Manufacturer values

```
('Anchieta','Brazil','1M'),  
('Angers','France','2M'),  
('Shendra','India','3M'),  
('Baunatal','Germany','4M');
```

```
CREATE TABLE Parts (  
  Part_ID varchar(30),  
  Part_Type varchar(30),  
  Made_Date date,  
  Supply_Date date,  
  Supplier_ID varchar(30),  
  Manufacturer_ID varchar(30),  
  Cost int,  
  PRIMARY KEY(Part_ID),  
  FOREIGN KEY (Manufacturer_ID) REFERENCES Manufacturer(Manufacturer_ID),  
  FOREIGN KEY (Supplier_ID) REFERENCES Supplier(Supplier_ID)  
);
```

Insert into Parts values

```
('1P','Tyres','2012-01-01','2012-02-02','1S','1M','1000'),  
('2P','Tyres','2012-01-19','2012-01-21','2S','2M','2000'),  
('3P','Brakes','2013-09-29','2013-10-02','3S','3M','3000'),  
('4P','Brakes','2013-12-31','2013-10-03','4S','4M','4500'),  
('5P','Battery','2012-03-05','2012-05-21','5S','2M','1500'),  
('6P','FILTER','2013-03-01','2013-03-02','6S','3M','1600'),  
('7P','ENGINE','2012-04-02','2012-04-13','7S','1M','25000'),  
('8P','ENGINE','2002-11-19','2005-12-31','8S','2M','10000'),  
('9P','ENGINE','2012-08-29','2013-04-28','4S','2M','40000'),  
('10P','ENGINE','2010-08-10','2010-08-11','5S','1M','45000'),  
('11P','FILTER','2011-09-19','2011-10-19','6S','1M','5600'),  
('12P','GEARBOX','2012-03-15','2013-03-16','7S','4M','2000'),
```

```
('13P','GEARBOX','2019-02-11','2019-03-11','8S','1M','5000'),  
('14P','SILENCER','2012-01-12','2013-01-02','5S','1M','4500'),  
('15P','SILENCER','2011-10-10','2011-11-12','5S','2M','8000');
```

```
CREATE TABLE Car_Model (  
    Model_ID varchar(30),  
    Model_Name varchar(30),  
    Model_Year varchar(30),  
    Body_Style varchar(30),  
    Brand_Name varchar(30),  
    PRIMARY KEY(Model_ID),  
    FOREIGN KEY (Brand_Name) REFERENCES Brand(Brand_Name)  
);
```

```
Insert into Car_Model values('1MID','A3','2015','Hatchback','Audi');  
Insert into Car_Model values('2MID','A4','2017','Sedan','Audi');  
Insert into Car_Model values('3MID','A6','2018','Sedan','Audi');  
Insert into Car_Model values('4MID','Q7','2017','SUV','Audi');  
Insert into Car_Model values('5MID','RS3','2015','Hatchback','Audi');  
Insert into Car_Model values('6MID','R8','2017','Sports','Audi');  
Insert into Car_Model values('7MID','URUS','2018','SUV','Lamborghini');  
Insert into Car_Model values('8MID','AVENTADOR','2016','Sports','Lamborghini');  
Insert into Car_Model values('9MID','BENTAGYA','2018','SUV','Bentley');  
Insert into Car_Model values('10MID','CONTINENTAL','2016','Sports','Bentley');  
Insert into Car_Model values('11MID','VEYRON','2017','Sports','Bugatti');  
Insert into Car_Model values('12MID','CHIRON','2018','Sports','Bugatti');  
Insert into Car_Model values('13MID','MACAN','2019','SUV','Porsche');  
Insert into Car_Model values('14MID','911','2014','Sports','Porsche');  
Insert into Car_Model values('15MID','Octavia','2017','Sedan','Skoda');  
Insert into Car_Model values('16MID','LAURA','2016','Sports','Skoda');  
Insert Into Car_Model values('17MID','RAPID','2015','Sedan','Skoda');  
Insert Into Car_Model values('18MID','FABIA','2018','Hatchback','Skoda');  
Insert Into Car_Model values('19MID','KAROQ','2018','SUV','Skoda');  
Insert Into Car_Model values('20MID','Q3','2015','SUV','Audi');  
Insert Into Car_Model values('21MID','Q5','2016','SUV','Audi');  
Insert Into Car_Model values('22MID','A9','2019','Sedan','Audi');  
Insert into Car_Model values('23MID','URUS','2018','SUV','Lamborghini');  
Insert into Car_Model values('24MID','AVENTADOR','2017','SUV','Lamborghini');  
Insert into Car_Model values('25MID','URUS','2019','SUV','Lamborghini');
```

```
CREATE TABLE Brand_Manufacturer (  
  Brand_Name varchar(30),  
  Manufacturer_ID varchar(30),  
  FOREIGN KEY (Manufacturer_ID) REFERENCES Manufacturer(Manufacturer_ID),  
  FOREIGN KEY (Brand_Name) REFERENCES Brand(Brand_Name)  
);
```

Insert into Brand_Manufacturer values

```
('Audi','1M'),  
('Skoda','1M'),  
('Skoda','2M'),  
('Bugatti','2M'),  
('Porsche','2M'),  
('Bentley','2M'),  
('Lamborghini','2M'),  
('Audi','3M'),  
('Lamborghini','3M'),  
('Audi','4M'),  
('Bentley','4M'),  
('Lamborghini','4M');
```

```
CREATE TABLE Inventory (  
  Inventory_Name varchar(30),  
  Innventory_Location varchar(30),  
  Inventory_ID varchar(30),  
  PRIMARY KEY(Innventory_Location)  
);
```

INSERT INTO Inventory values

```
('SB_Inventory','Guwahati','1I'),  
('SB_Inventory','Kolkata','2I'),
```

```
('AM_Inventory','Chennai','3I'),  
('GS_Inventory','Patna','4I');
```

```
CREATE TABLE Customer (  
    Customer_ID varchar(30),  
    Name varchar(30),  
    Phone varchar(30),  
    Address varchar(30),  
    Gender varchar(30),  
    Annual_Income varchar(30),  
    PRIMARY KEY(Customer_ID)  
);
```

```
Insert into Customer values('C01','Gargee','1234567899','Patna','F','9000000');  
Insert into Customer values('C03','Aman','1234567890','Muzaffarpur','M','7000000');  
Insert into Customer values('C02','Sahil','1234567891','Dibrugarh','M','6000000');  
Insert into Customer values('C04','Saurav','1234567892','Kolkata','M','5000000');  
Insert into Customer values('C05','Ayush','1234567893','Muzaffarpur','F','400000');  
Insert into Customer values('C06','Neel','1234567894','Nalbari','M','1250000');  
Insert into Customer values('C07','Parth','1234567895','Jalgaon','F','2000000');  
Insert into Customer values('C08','Jayshree','1234567896','Dhekiajuli','F','1350000');  
Insert into Customer values('C09','Nishu','1234567897','Alwar','F','1850000');  
Insert into Customer values('C10','Rashmi','1234567898','Delhi','F','2050000');  
Insert into Customer values('C11','Tony','1234567900','Pune','M','900000000');  
Insert into Customer values('C12','Thor','1234567901','Nainital','M','800000');  
Insert into Customer values('C13','Scarlett','1234567902','Almora','F','600000000');  
Insert into Customer values('C14','Ram','1234567903','Samastipur','M','3000000000');  
Insert into Customer values('C15','Shayam','1234567904','Allahabad','M','2120000');  
Insert into Customer values('C16','Radha','1234567905','Gujarat','F','700000000');  
Insert into Customer values('C17','Krishna','1234567906','Mathura','M','999999999');
```

```
CREATE TABLE Dealer (  
    Dealer_ID varchar(30),  
    Name varchar(30),  
    Location varchar(30),  
    PRIMARY KEY (Dealer_ID)  
);
```

```
Insert into Dealer values
('1D','Manoranjan','Chennai'),
('2D','Mohit','Guwahati'),
('3D','Rajat','Rajasthan'),
('4D','Vikram','Delhi');
```

```
CREATE TABLE Dealer_Inventory (
  Dealer_ID varchar(30),
  Inventory_ID varchar(30),
  FOREIGN KEY (Dealer_ID) REFERENCES Dealer(Dealer_ID),
  FOREIGN KEY (Inventory_ID) REFERENCES Inventory(Inventory_ID)
);
```

```
Insert into Dealer_Inventory values
('1D','1I'),
('2D','1I'),
('2D','2I'),
('3D','3I'),
('4D','4I'),
('1D','2I'),
('4D','1I');
```

```
CREATE TABLE Sales (
  VIN varchar(30),
  Customer_ID varchar(30),
  Dealer_ID varchar(30),
  Sales_Date date,
  Price varchar(30),
  FOREIGN KEY (Customer_ID) REFERENCES Customer(Customer_ID),
  FOREIGN KEY (Dealer_ID) REFERENCES Dealer(Dealer_ID)
);
```

```

Insert into Sales values ('VIN01','C01','2D','2018-12-14',46000000);
Insert into Sales values ('VIN12','C02','3D','2017-09-03',27000000);
Insert into Sales values ('VIN14','C03','1D','2016-03-12',30000000);
Insert into Sales values ('VIN15','C04','4D','2018-08-08',27800000);
Insert into Sales values ('VIN16','C06','2D','2017-09-27',10000000);
Insert into Sales values ('VIN17','C07','2D','2019-01-27',25000000);
Insert into Sales values ('VIN18','C08','1D','2018-08-19',7000000);
Insert into Sales values ('VIN36','C17','3D','2016-05-09',60000000);
Insert into Sales values ('VIN25','C15','4D','2017-06-29',27900000);
Insert into Sales values ('VIN27','C14','4D','2018-10-03',27000000);
Insert into Sales values ('VIN21','C01','1D','2018-12-14',50000000);
Insert into Sales values ('VIN35','C01','4D','2019-03-09',60000000);
Insert into Sales values ('VIN37','C02','3D','2019-02-09',6000000);
Insert into Sales values ('VIN38','C10','1D','2016-11-15',5000000);
Insert into Sales values ('VIN39','C03','2D','2017-04-09',2500000);
Insert into Sales values ('VIN40','C16','1D','2017-04-09',2505000);

```

```

CREATE TABLE Options (
    Option_ID varchar(30),
    Engine varchar(30),
    Transmission varchar(30),
    Colour varchar(30),
    Model_ID varchar(30),
    PRIMARY KEY(Option_ID),
    FOREIGN KEY (Model_ID) REFERENCES Car_Model(Model_ID)
);

```

```

Insert into Options Values
('1O','Diesel','Manual','Black','1MID'),
('6O','Petrol','Manual','Red','1MID'),
('7O','Petrol','Auto','Black','1MID'),
('8O','Petrol','Auto','Red','1MID'),
('9O','Diesel','Manual','Black','2MID'),
('14O','Petrol','Manual','Red','2MID'),

```

('15O','Petrol','Auto','Black','2MID'),
('16O','Petrol','Auto','Red','2MID'),
('20O','Petrol','Manual','Black','3MID'),
('22O','Petrol','Manual','Red','3MID'),
('23O','Petrol','Auto','Black','3MID'),
('32O','Petrol','Auto','Red','4MID'),
('33O','Diesel','Manual','Black','5MID'),
('50O','Diesel','Manual','Silver','7MID'),
('54O','Petrol','Manual','Silver','7MID'),
('55O','Petrol','Auto','Black','7MID'),
('56O','Petrol','Auto','Silver','7MID'),
('57O','Diesel','Manual','Pink','8MID'),
('63O','Petrol','Auto','White','8MID'),
('64O','Petrol','Auto','Silver','8MID'),
('65O','Diesel','Manual','Black','9MID'),
('66O','Diesel','Manual','Silver','9MID'),
('77O','Petrol','Manual','White','10MID'),
('78O','Petrol','Manual','Silver','10MID'),
('79O','Petrol','Auto','White','10MID'),
('80O','Petrol','Auto','Silver','10MID'),
('86O','Petrol','Manual','Silver','11MID'),
('87O','Petrol','Auto','White','11MID'),
('88O','Petrol','Auto','Blue','11MID'),
('89O','Diesel','Manual','White','12MID'),
('90O','Diesel','Manual','Blue','12MID'),
('91O','Diesel','Auto','White','12MID'),
('92O','Diesel','Auto','Blue','12MID'),
('98O','Diesel','Manual','Blue','13MID'),
('99O','Diesel','Auto','White','13MID'),
('100O','Diesel','Auto','Blue','13MID'),
('109O','Petrol','Manual','White','14MID'),
('110O','Petrol','Manual','Blue','14MID'),
('111O','Petrol','Auto','Black','14MID'),
('112O','Petrol','Auto','Yellow','14MID'),
('113O','Diesel','Manual','Black','15MID'),
('122O','Diesel','Manual','Yellow','16MID'),
('123O','Diesel','Auto','Black','16MID'),
('124O','Diesel','Auto','Silver','16MID'),
('125O','Petrol','Manual','Black','16MID'),
('126O','Petrol','Manual','Silver','16MID'),
('127O','Petrol','Auto','Black','16MID'),
('128O','Petrol','Auto','Red','16MID'),


```
('129O','Petrol','Auto','White','17MID'),  
('130O','Diesel','Auto','Red','17MID'),  
('131O','Diesel','Manual','Red','18MID');
```

```
CREATE TABLE Vehicles (  
    VIN varchar(30),  
    Option_ID varchar(30),  
    Model_ID varchar(30),  
    Inventory_ID varchar(30),  
    OwnedCustomer_ID varchar(30),  
    Manufacturer_ID varchar(30),  
    Price varchar(30),  
    Produced_Date date,  
    Inventory_INDate date,  
    PRIMARY KEY(VIN),  
    FOREIGN KEY (Option_ID) REFERENCES Options(Option_ID),  
    FOREIGN KEY (Model_ID) REFERENCES Car_Model(Model_ID),  
    FOREIGN KEY (Inventory_ID) REFERENCES Inventory(Inventory_ID),  
    FOREIGN KEY (OwnedCustomer_ID) REFERENCES Customer(Customer_ID),  
    FOREIGN KEY (Manufacturer_ID) REFERENCES Manufacturer(Manufacturer_ID)  
);  
  
Insert into Vehicles values  
('VIN01','80O','10MID','2I','C01','4M',460000000,'2014-03-03','2015-10-10');  
Insert into Vehicles values  
('VIN02','80O','10MID','4I',NULL,'2M',463000000,'2014-03-03','2015-10-10');  
Insert into Vehicles values  
('VIN03','86O','11MID','4I',NULL,'2M',462010000,'2014-04-03','2015-10-11');  
Insert into Vehicles values  
('VIN04','79O','10MID','2I',NULL,'4M',160050200,'2014-03-13','2015-11-10');  
Insert into Vehicles values  
('VIN05','87O','11MID','1I',NULL,'2M',260007000,'2014-03-25','2015-10-25');
```

Insert into Vehicles values

```
('VIN06','56O','7MID','3I',NULL,'3M',60008000,'2014-03-03','2015-10-10');
```

Insert into Vehicles values

```
('VIN07','33O','5MID','2I',NULL,'1M',460028000,'2014-07-03','2015-10-10');
```

Insert into Vehicles values

('VIN08','20O','3MID','4I',NULL,'3M',268008000,'2014-09-13','2015-10-19');

Insert into Vehicles values

('VIN09','64O','8MID','4I',NULL,'3M',362003000,'2014-07-03','2015-11-10');

Insert into Vehicles values

('VIN10','50O','7MID','4I',NULL,'2M',160009000,'2014-03-03','2015-12-10');

Insert into Vehicles values

('VIN11','80O','10MID','2I',NULL,'2M',460080000,'2014-03-03','2015-10-10');

Insert into Vehicles values

('VIN12','90O','12MID','3I','C02','2M',270000000,'2014-05-14','2015-10-10');

Insert into Vehicles values

('VIN13','100O','13MID','3I',NULL,'2M',270100000,'2014-05-14','2015-10-10');

Insert into Vehicles values

('VIN14','57O','8MID','1I','C03','4M',300000000,'2014-12-14','2015-10-10');

Insert into Vehicles values

('VIN15','113O','15MID','4I','C04','2M',100000000,'2014-05-10','2015-08-10');

Insert into Vehicles values ('VIN16',

'112O','14MID','2I','C06','2M',250000000,'2014-05-16','2015-10-25');

Insert into Vehicles values

('VIN17','1O','1MID','1I','C07','1M',270000000,'2014-05-14','2015-11-10');

Insert into Vehicles values

('VIN18','57O','8MID','1I','C08','3M',70000000,'2014-06-14','2015-10-10');

Insert into Vehicles values

('VIN19','90O','12MID','4I',NULL,'2M',170000000,'2014-05-17','2015-10-10');

Insert into Vehicles values

('VIN20','90O','12MID','3I',NULL,'2M',240000000,'2014-05-12','2015-06-10');

Insert into Vehicles values

('VIN21','90O','12MID','1I','C01','2M',500000000,'2014-05-14','2015-12-10');

Insert into Vehicles values

('VIN22','90O','12MID','4I',NULL,'2M',200000000,'2014-03-14','2015-10-10');

Insert into Vehicles values

('VIN23','110O','14MID','3I',NULL,'2M',110000000,'2014-05-19','2015-10-10');

Insert into Vehicles values

('VIN24','130O','18MID','2I',NULL,'1M',560000000,'2014-05-04','2015-10-10');

Insert into Vehicles values

('VIN25','112O','14MID','4I','C15','2M',279000000,'2014-05-03','2015-10-10');

Insert into Vehicles values

('VIN26','90O','12MID','3I',NULL,'2M',278000000,'2014-08-14','2015-10-10');

Insert into Vehicles values

('VIN27','129O','17MID','1I','C14','1M',270000000,'2014-05-14','2015-12-10');

```

Insert into Vehicles values
('VIN28','1O','1MID','2I',NULL,'4M',2700000000,'2014-05-14','2015-10-25');
Insert into Vehicles values
('VIN29','9O','2MID','4I',NULL,'3M',100000000,'2014-05-24','2015-10-10');
Insert into Vehicles values
('VIN30','15O','2MID','4I',NULL,'4M',5500000000,'2014-05-24','2015-05-10');
Insert into Vehicles values
('VIN31','32O','4MID','4I',NULL,'1M',1700000000,'2014-05-19','2015-05-10');
Insert into Vehicles values
('VIN32','64O','12MID','1I',NULL,'2M',2700000000,'2014-05-14','2015-10-10');
Insert into Vehicles values
('VIN33','90O','12MID','2I',NULL,'2M',2708000000,'2014-08-14','2015-10-10');
Insert into Vehicles values
('VIN34','9O','2MID','3I',NULL,'1M',900000000,'2014-05-14','2015-03-10');

```

```

Insert into Vehicles values
('VIN35','9O','2MID','4I','C01','4M',600000000,'2014-09-14','2015-07-10');
Insert into Vehicles values
('VIN36','9O','2MID','3I','C17','1M',600000000,'2014-05-24','2015-06-14');
Insert into Vehicles values
('VIN37','6O','1MID','3I','C02','1M',60000000,'2014-09-18','2015-02-10');
Insert into Vehicles values
('VIN38','33O','5MID','2I','C10','4M',50000000,'2014-06-14','2015-08-20');
Insert into Vehicles values
('VIN39','131O','18MID','2I','C03','1M',25000000,'2014-03-14','2015-03-08');
Insert into Vehicles values
('VIN40','22O','3MID','1I','C16','4M',2505000,'2014-03-14','2015-03-08');

```

```

CREATE TABLE Vehicle_Parts (

```

```
Part_ID varchar(30),
VIN varchar(30),
FOREIGN KEY (Part_ID) REFERENCES Parts(Part_ID),
FOREIGN KEY (VIN) REFERENCES Vehicles(VIN)
);
Insert into Vehicle_Parts values ('1P','VIN01');
Insert into Vehicle_Parts values ('1P','VIN02');
Insert into Vehicle_Parts values ('1P','VIN03');
Insert into Vehicle_Parts values ('1P','VIN04');
Insert into Vehicle_Parts values ('4P','VIN05');
Insert into Vehicle_Parts values ('3P','VIN06');
Insert into Vehicle_Parts values ('4P','VIN07');
Insert into Vehicle_Parts values ('4P','VIN08');
Insert into Vehicle_Parts values ('1P','VIN09');
Insert into Vehicle_Parts values ('1P','VIN10');
Insert into Vehicle_Parts values ('1P','VIN11');
Insert into Vehicle_Parts values ('1P','VIN12');
Insert into Vehicle_Parts values ('1P','VIN13');
Insert into Vehicle_Parts values ('1P','VIN14');
Insert into Vehicle_Parts values ('1P','VIN25');
Insert into Vehicle_Parts values ('1P','VIN26');
Insert into Vehicle_Parts values ('1P','VIN17');
Insert into Vehicle_Parts values ('2P','VIN18');
Insert into Vehicle_Parts values ('2P','VIN19');
Insert into Vehicle_Parts values ('2P','VIN20');
Insert into Vehicle_Parts values ('2P','VIN21');
Insert into Vehicle_Parts values ('2P','VIN22');
Insert into Vehicle_Parts values ('2P','VIN23');
Insert into Vehicle_Parts values ('2P','VIN24');
Insert into Vehicle_Parts values ('2P','VIN25');
Insert into Vehicle_Parts values ('3P','VIN05');
Insert into Vehicle_Parts values ('3P','VIN29');
Insert into Vehicle_Parts values ('3P','VIN30');
Insert into Vehicle_Parts values ('3P','VIN31');
Insert into Vehicle_Parts values ('3P','VIN32');
Insert into Vehicle_Parts values ('3P','VIN33');
Insert into Vehicle_Parts values ('3P','VIN34');
Insert into Vehicle_Parts values ('3P','VIN35');
Insert into Vehicle_Parts values ('3P','VIN06');
Insert into Vehicle_Parts values ('4P','VIN09');
Insert into Vehicle_Parts values ('4P','VIN10');
Insert into Vehicle_Parts values ('4P','VIN19');
```

Insert into Vehicle_Parts values ('3P','VIN10');
Insert into Vehicle_Parts values ('3P','VIN14');
Insert into Vehicle_Parts values ('3P','VIN18');
Insert into Vehicle_Parts values ('4P','VIN29');
Insert into Vehicle_Parts values ('5P','VIN09');
Insert into Vehicle_Parts values ('5P','VIN22');
Insert into Vehicle_Parts values ('5P','VIN07');
Insert into Vehicle_Parts values ('6P','VIN01');
Insert into Vehicle_Parts values ('6P','VIN02');
Insert into Vehicle_Parts values ('6P','VIN03');
Insert into Vehicle_Parts values ('6P','VIN01');
Insert into Vehicle_Parts values ('7P','VIN17');
Insert into Vehicle_Parts values ('7P','VIN09');
Insert into Vehicle_Parts values ('7P','VIN10');
Insert into Vehicle_Parts values ('7P','VIN20');
Insert into Vehicle_Parts values ('8P','VIN23');
Insert into Vehicle_Parts values ('8P','VIN24');
Insert into Vehicle_Parts values ('9P','VIN25');
Insert into Vehicle_Parts values ('9P','VIN02');
Insert into Vehicle_Parts values ('9P','VIN06');
Insert into Vehicle_Parts values ('9P','VIN25');
Insert into Vehicle_Parts values ('10P','VIN25');
Insert into Vehicle_Parts values ('10P','VIN21');
Insert into Vehicle_Parts values ('11P','VIN18');
Insert into Vehicle_Parts values ('12P','VIN14');
Insert into Vehicle_Parts values ('13P','VIN09');
Insert into Vehicle_Parts values ('14P','VIN21');
Insert into Vehicle_Parts values ('15P','VIN02');
Insert into Vehicle_Parts values ('4P','VIN02');
Insert into Vehicle_Parts values ('4P','VIN14');
Insert into Vehicle_Parts values ('4P','VIN18');

SOME SQL QUERIES:

1.1) Select * from sales natural join customer where vin in (select vin from Vehicles where model_id in (select model_id from car_model where Brand_name='Audi')) group by gender;

1.2) Select * from sales natural join customer where vin in (select vin from Vehicles where model_id in (select model_id from car_model where Brand_name='Audi'))group by Annual_Income;

2) select vin from vehicle_parts natural join parts where supply_date<'2019-08-08' and supply_date>'2012-09-09' ;

3) select M.Brand_Name,sum(S.price) as sales_in_rupees from Sales S,Vehicles V natural join Car_Model M where S.VIN=V.VIN group by M.Brand_Name order by sales_in_rupees desc limit 2;

4) select M.Brand_Name,count(sales_date) as sales_in_unit from Sales S,Vehicles V natural join Car_Model M where S.VIN=V.VIN group by M.Brand_Name order by sales_in_unit desc limit 2;

5) select monthname(sales_date) from sales,vehicles,Car_model where sales.vin in (select vehicles.vin from vehicles where Model_ID in (select Model_ID from car_model where body_style='Hatchback')) limit 1;

6) select dealer_id,avg(datediff(S.Sales_Date,V.Inventory_INDate)) as diff_interval from dealer natural join dealer_inventory natural join inventory I natural join sales S natural join vehicles V group by dealer_id order by diff_interval desc limit 1;

7) select s.dealer_id ,count(brand_name) as cont from dealer d join sales s natural join customer natural join vehicles natural join car_model where s.dealer_id=d.dealer_id group by dealer_id order by cont desc;

8)select part_type,min(cost),Supplier_ID from supplier natural join parts where part_type="brakes" group by part_type;

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/*select part_type from parts natural join vehicle_parts natural join vehicles natural join  
car_model M where Brand_Name='Lamborghini' and part_type='brakes' ;*/
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