**DDL:**

**DIMENSIONS**

**Customer:**

create table dim\_customer(

customer\_key int identity(1, 1) primary key,

customer\_id float,

firstname varchar(255),

lastname varchar(255),

contactaddress varchar(255),

contactphone varchar(255),

contact\_email varchar(255),

DW\_CREATED\_DATE datetime,

DW\_CREATED\_BY varchar(50),

DW\_UPDATE\_BY varchar(50)

DW\_UPDATE\_DATE datetime,

)

**Location:**

create table Dim\_location(

location\_key int identity(1,1) primary key,

locationid float,

locationtype varchar(255),

locationdecription varchar(255),

region varchar(255),

regionmanageruserid float,

address varchar(255),

city varchar(255),

postalcode varchar(255),

PhoneNumber varchar(255),

fax varchar(255),

email varchar(255),

StoreManagerUserID float,

IsDelegateServiceCenter char(5),

enabled char(5),

ispartwarehouse char(5),

FRTRate float,

CurrencyCode varchar(255),

market varchar(255),

CriticalPartReportLocationTitle varchar(255),

IsMRBWareHouse char(5),

weekdayworkhours varchar(255),

IsEngineering char(5),

PreferredLanguage varchar(255),

DW\_CREATED\_DATE datetime,

DW\_CREATED\_BY varchar(50),

DW\_UPDATE\_DATE datetime,

DW\_UPDATE\_BY varchar(50)

)

**Part:**

create table dim\_part(

part\_key int identity(1,1) primary key,

partid float,

partnumber varchar(255),

partsystem varchar(255),

partsubsystem varchar(255),

suppliercode float,

name varchar(255),

description varchar(255),

planningleadtime float,

unitprice float,

orderpoint float,

SafetyStockQuantity float,

FabricatedFlag char(5),

PurchasedFlag char(5),

StockedFlag char(5),

InspectionRequiredFlag char(5),

HazardousMaterialFlag char(5),

version varchar(255),

enabled char(5),

name\_history1 varchar(255),

name\_history2 varchar(255),

DW\_CREATED\_DATE datetime,

DW\_CREATED\_BY varchar(50),

DW\_UPDATE\_DATE datetime,

DW\_UPDATE\_BY varchar(50)

)

**Users:**

create table dim\_users(

user\_key int identity(1,1) primary key,

userid float,

firstname varchar(255),

lastname varchar(255),

displayname varchar(255),

department varchar(255),

title varchar(255),

manager varchar(255),

email varchar(255),

enabled float,

division varchar(255),

manageruserid float,

title\_version int,

DW\_CREATED\_DATE datetime,

DW\_CREATED\_BY varchar(50),

DW\_UPDATE\_DATE datetime,

DW\_UPDATE\_BY varchar(50)

)

**VehicleVIN:**

create table Dim\_vehiclevin(

vehicle\_key int identity(1,1) primary key,

vehiclevinid float,

vehiclevin varchar(255),

vehiclemodelcode varchar(255),

vehiclemodel varchar(255),

modelcategory varchar(255),

modelyear float,

driveorientation varchar(255),

actualdeliveryeddate smalldatetime,

enabled float,

nearestservicelocationid float,

factorygatedate smalldatetime,

vehiclecolor varchar(255),

vehicletitle varchar(255),

lastodometer float,

inventoryvehicle float,

newused varchar(255),

market varchar(255),

deliveryregion varchar(255),

odometertype varchar(255),

locationid\_startdate datetime,

locationid\_enddate datetime,

DW\_CREATED\_DATE datetime,

DW\_CREATED\_BY varchar(50),

DW\_UPDATE\_DATE datetime,

DW\_UPDATE\_BY varchar(50)

)

DERIVED:

create table Dim\_Complaintstatus(

complaint\_key int identity(1,1) primary key,

complaintstatus varchar(255))

create table Dim\_complainttype(

complainttype\_key int identity(1,1) primary key,

complainttype varchar(255))

create table Dim\_actiontype(

actiontype\_key int identity(1,1) primary key,

actiontype varchar(255))

create table Dim\_orderjobstatus(

orderjobstatus\_key int identity(1,1) primary key,

orderjobstatus varchar(30))

create table Dim\_paymethod(

paymethod\_key int identity(1,1) primary key,

paymethod varchar(50))

create table Dim\_category(

category\_key int identity(1,1) primary key,

category varchar(50))

create table Dim\_orderstatus(

orderstatus\_key int identity(1,1) primary key,

orderstatus varchar(50))

create table Dim\_orders\_paymenttype(

paymenttype\_key int identity(1,1) primary key,

paymenttype varchar(50))

**FACT:**

**Customercomplaint:**

create table fact\_customercomplaint(

customercomplaint\_key int identity(1,1) primary key

,customercomplaintid float

,vehicle\_key int

,locatio\_key int

,enabled float

,createddate nvarchar(255)

,customer\_key int

,createddate\_key float

,DW\_CREATED\_DATE datetime

,DW\_CREATED\_BY nvarchar(255)

,DW\_UPDATED\_DATE datetime

,DW\_UPDATED\_By nvarchar(255)

)

**Customercomplaintdetail:**

create table fact\_customercomplaintdetail(

customercomplaintdetail\_key int identity(1,1) primary key,

customercomplaintdetail\_id float,

customercomplaint\_key int,

complaint\_key int,

complainttype\_key int,

actiontype\_key int,

description nvarchar(3000),

shortdescription nvarchar(255),

isvehicleoperable char(5),

istow char(5),

location\_key int,

createdate smalldatetime,

complaintclosedate smalldatetime,

createdbyuser\_key int,

createdate\_key int,

complaintclosedate\_key int,

DW\_CREATED\_DATE smalldatetime,

DW\_CREATED\_BY nvarchar(255),

DW\_UPDATED\_DATE smalldatetime,

DW\_UPDATED\_BY nvarchar(255)

)

**Orders:**

create table fact\_orders(

order\_key int identity(1,1) primary key,

orderid float,

ordernumber nvarchar(255),

datetime smalldatetime,

vehicle\_key int,

odometer float,

serviceadvisoruser\_key int,

servicelocation\_key int,

paymenttype\_key int,

paymentrecievedbyuser\_key int,

orderstatus nvarchar(255),

totalpartprice decimal(10,2),

totallaboramount decimal(10,2),

totaltaxamount decimal(10,2),

totalamount decimal(10,2),

iscustomerpickup char(5),

israngerdrop char(5),

shippingamount decimal(10,2),

orderclosedate nvarchar(255),

discountamount decimal(10,2),

readyforinvoicedate datetime,

isrepeatedissuereviewed char(5),

isreadyfordelivery char(5),

leadtechnician\_key int,

iscpo char(5),

IsCPOCompliant char(5),

customer\_key int,

datetime\_key float,

orderclosedate\_key float,

readyforinvoicedate\_key float,

DW\_CREATED\_DATE datetime,

DW\_CREATED\_BY nvarchar(255),

DW\_UPDATE\_DATE datetime,

DW\_UPDATE\_BY nvarchar(255)

)

**OrderJob:**

create table fact\_orderjob(

orderjob\_key int identity(1,1) primary key,

orderjobid int,

order\_key int,

orderjobstatus\_key int,

laborprice decimal(10,2),

laboramount decimal(10,2),

totalamount decimal(10,2),

totalpartprice decimal(10,2),

paymethod\_key int,

complaintnarrative nvarchar(max),

causenarrative nvarchar(max),

enabled char(5),

customerconcerndetailid int,

vor char(5),

orderjobclosedate smalldatetime,

category\_key int,

isduplicatedsymptom char(5),

isduplicatedcorrection char(5),

istow char(5),

datekey int,

DW\_CREATED\_DATE smalldatetime,

DW\_CREATED\_BY nvarchar(255),

DW\_UPDATED\_DATE smalldatetime,

DW\_UPDATED\_BY nvarchar(255)

)

**OrderJobServiceCorrection:**

create table fact\_orderjobservicecorrection(

orderjobservicecorrection\_key int identity(1,1) primary key,

orderjobservicecorrectionid int,

orderjob\_key int,

servicecatalogcode nvarchar(50),

servicecatalog nvarchar(255),

correctionnarrative nvarchar(4000),

correctionlaborhours decimal(18,4),

correctionactuallaborhours decimal(18,4),

correctionlaborprice decimal(10,2),

isworkcompleted char(5),

enabled char(5),

DW\_CREATED\_DATE smalldatetime,

DW\_CREATED\_BY nvarchar(255),

DW\_UPDATED\_DATE smalldatetime,

DW\_UPDATED\_BY nvarchar(255)

)

**OrderJobServiceCorrectionPart:**

create table fact\_orderjobservicecorrectionpart(

orderjobpart\_key int identity(1,1) primary key,

orderjobpartid int,

orderjobservicecorrection\_key int,

part\_key int,

quantity decimal(18,4),

unitprice decimal(10,2),

enabled char(5),

partcost decimal(10,2),

iscustompart char(5),

inventoryquantityconsumed decimal(18,4),

isinventoryconsumed char(5),

DW\_CREATED\_DATE smalldatetime,

DW\_CREATED\_BY nvarchar(255),

DW\_UPDATED\_DATE smalldatetime,

DW\_UPDATED\_BY nvarchar(255)

)