**DIMENSIONS**

**DDL:**

**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)

)

**DML:**

**Customer:**

Insert:

Insert into [Target\_OCT19\_TMohan].dbo.sample\_dim\_customer

select

case when rc.customer\_id is null then 0 else ltrim(rtrim(rc.customer\_id)) end as customer\_id,

case when rc.firstname is null then 'UNK' else ltrim(rtrim(concat(upper(substring(rc.firstname,1,1)),

substring(rc.firstname,2,len(rc.firstname)))))end as firstname,

case when rc.lastname is null then 'UNK' else ltrim(rtrim(concat(upper(substring(rc.lastname,1,1)),

substring(rc.lastname,2,len(rc.lastname)))))end as lastname,

case when rc.contactaddress is null then 'UNK' else ltrim(rtrim(concat('No:',

substring(rc.contactaddress,1,charindex(' ',rc.contactaddress,1)),',',

substring(rc.contactaddress,charindex(' ',rc.contactaddress,1),len(rc.contactaddress)))))end

as contactaddress,

case when rc.contactphone is null then 'UNK' else

ltrim(rtrim(substring(rc.contactphone,

charindex(' ',rc.contactphone,1),

len(rc.contactphone)))) end

as contactphone,

case when rc.contact\_email is null then 'UNK' else

ltrim(rtrim(rc.contact\_email)) end as contact\_email,

GETDATE() as DW\_CREATED\_DATE,

SUSER\_SNAME() as DW\_CREATED\_BY,

getdate() as DW\_UPDATE\_DATE,

SUSER\_SNAME() as DW\_UPDATE\_BY

from ralli.[dbo].[Customer] rc

left join

[Target\_OCT19\_TMohan].dbo.sample\_dim\_customer sdc

on

rc.Customer\_id=sdc.customer\_id

where

sdc.customer\_id is null

Update:

update [Target\_OCT19\_TMohan].dbo.sample\_dim\_customer

set contactphone=case when c.contactphone is null then 'UNK' else

ltrim(rtrim(substring(c.contactphone,

charindex(' ',c.contactphone,1),

len(c.contactphone)))) end,

DW\_UPDATE\_DATE=GETDATE(),

DW\_UPDATE\_BY=SUSER\_SNAME()

from

ralli.[dbo].[Customer] c

join

[Target\_OCT19\_TMohan].dbo.sample\_dim\_customer dc

on

c.customer\_id=dc.customer\_id

where

ltrim(rtrim(substring(c.contactphone,

charindex(' ',c.contactphone,1),

len(c.contactphone))))<> dc.contactphone

**Location:**

Insert:

insert into Dim\_location

select

case when s.locationid is null then 0 else LTRIM(rtrim(s.locationid)) end as locationid

,case when s.locationtype is null then 'UNK' else LTRIM(rtrim(s.locationtype)) end as locationtype

,case when s.locationdescription is null then 'UNK' else Ltrim(rtrim( concat(upper(SUBSTRING(s.locationdescription,1,1)),

substring(s.locationdescription,2,LEN(s.locationdescription)),'.'))) end as locationdescription

,case when s.region like 'North%' then substring(s.region,1,5)+' ' +concat(upper(substring(s.region,6,1)),substring(s.region,7,len(s.region)))

when s.region like 'South%' then substring(s.region,1,5)+' ' +concat(upper(substring(s.region,6,1)),substring(s.region,7,len(s.region)))

when s.region like 'Mid%' then substring(s.region,1,3)+' ' +concat(upper(substring(s.region,4,1)),substring(s.region,5,len(s.region)))

else s.region end as region

,case when s.regionmanageruserid is null then 0 else ltrim(rtrim(s.regionmanageruserid)) end as regionmanageruserid

,case when s.address is null then 'UNK' else concat('No:',substring(s.address,1,charindex(' ',s.address,1)),',',

substring(s.address,charindex(' ',s.address,1)+1,len(s.address)),'.')end as address

,case when s.city is null then 'UNK' else ltrim(rtrim(s.city)) end as city

,case when s.postalcode is null then 'UNK' else ltrim(rtrim(s.postalcode)) end as postalcode

,case when s.PhoneNumber is null then 'UNK' else ltrim(rtrim(replace(s.PhoneNumber,'-',' '))) end as PhoneNumber

,case when s.fax is null then 'UNK' else ltrim(rtrim(replace(s.fax,'-',' '))) end as fax

,case when s.email is null then 'UNK' else ltrim(rtrim(s.email)) end as email

,case when s.StoreManagerUserID is null then 'UNK' else ltrim(rtrim(s.StoreManagerUserID)) end as StoreManagerUserID

,case when s.IsDelegateServiceCenter is null then 'N' else iif(s.IsDelegateServiceCenter=0,'N','Y') end as IsDelegateServiceCenter

,case when s.enabled is null then 'N' else iif(s.enabled=0,'N','Y') end as enabled

,case when s.ispartwarehouse is null then 'N' else iif(s.ispartwarehouse=0,'N','Y') end as ispartwarehouse

,case when s.FRTRate is null then 0 else s.FRTRate end as FRTRate

,case when s.CurrencyCode is null then 'UNK' else ltrim(rtrim(s.CurrencyCode)) end as CurrencyCode

,case when s.market is null then 'UNK' else ltrim(rtrim(s.market)) end as market

,case when s.CriticalPartReportLocationTitle is null then 'UNK' else ltrim(rtrim(s.CriticalPartReportLocationTitle)) end as CriticalPartReportLocationTitle

,case when s.IsMRBWareHouse is null then 'N' else iif(s.IsMRBWareHouse=0,'N','Y') end as IsMRBWareHouse

,case when s.weekdayworkhours is null then 'UNK' else ltrim(rtrim(s.weekdayworkhours)) end as weekdayworkhours

,case when s.IsEngineering is null then 'N' else iif(s.IsEngineering=0,'N','Y') end as IsEngineering

,case when s.PreferredLanguage is null then 'UNK' else ltrim(rtrim(s.PreferredLanguage)) end as PreferredLanguage

,GETDATE() as DW\_CREATED\_DATE

,SUSER\_SNAME() as DW\_CREATED\_BY

,getdate() as DW\_UPDATE\_DATE

,SUSER\_SNAME() as DW\_UPDATE\_BY

from ralli.dbo.location s

left join

Dim\_location t

on

s.locationid=t.locationid

where

t.locationid is null

**Part:**

Insert:

insert into dim\_part

select

case when s.partid is null then 0 else ltrim(rtrim(s.partid)) end as partid,

case when s.partnumber is null then 'UNK' else ltrim(rtrim(s.partnumber)) end as partnumber,

case when s.partsystem is null then 'UNK' else ltrim(rtrim(concat(upper(substring(s.partsystem,1,1)),

substring(s.partsystem,2,len(s.partsystem)))))end as partsystem,

case when s.partsubsystem is null then 'UNK' else ltrim(rtrim(concat(upper(substring(s.partsubsystem,1,1)),

substring(s.partsubsystem,2,len(s.partsubsystem)))))end as partsubsystem,

case when s.suppliercode is null then 0 else ltrim(rtrim(s.suppliercode)) end as suppliercode,

case when s.name is null then 'UNK' else

REPLACE(REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE

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(REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(REPLACE(s.name,char(32),''), char(33),''), char(34),''),char(35),'')

,char(36),''),char(37),''),char(38),''),char(39),''),char(40),''),char(41),''),char(42),''),char(43),''),char(44),''),char(45)

,''),char(46),''),char(47),''),char(58),''),char(59),''),char(60),''),char(61),''),char(62),''),char(63),''),char(64),'')

,char(91),''),char(92),''),char(93),''),char(94),''),char(95),''),char(96),''),char(123),''),char(124),''),char(125),''),

char(126),''),char(127),'') end as name,

case when s.Description is null then 'UNK' else ltrim(rtrim(concat(upper(substring(s.Description,1,1)),

substring(s.Description,2,len(s.Description)))))end as Description,

case when s.planningleadtime is null then 0 else ltrim(rtrim(s.planningleadtime)) end as planningleadtime,

case when s.unitprice is null then 0 else s.unitprice end as unitprice,

case when s.orderpoint is null then 0 else ltrim(rtrim(s.orderpoint)) end as orderpoint,

case when s.SafetyStockQuantity is null then 0 else s.SafetyStockQuantity end as SafetyStockQuantity,

case when s.FabricatedFlag is null then 'N' else iif(s.FabricatedFlag=0,'N','Y') end as FabricatedFlag,

case when s.PurchasedFlag is null then 'N' else iif(s.PurchasedFlag=0,'N','Y') end as PurchasedFlag,

case when s.StockedFlag is null then 'N' else iif(s.StockedFlag=0,'N','Y') end as StockedFlag,

case when s.InspectionRequiredFlag is null then 'N' else iif(s.InspectionRequiredFlag=0,'N','Y') end as InspectionRequiredFlag,

case when s.HazardousMaterialFlag is null then 'N' else iif(s.HazardousMaterialFlag=0,'N','Y') end as HazardousMaterialFlag,

case when s.version is null then 'UKN' else ltrim(rtrim(s.version)) end as version,

case when s.enabled is null then 'N' else iif(s.enabled=0,'N','Y') end as enabled

from ralli.dbo.part s

left join

dim\_part t

on

s.partid=t.partid

where

t.partid is null

Update:

update dim\_part

set

name\_history2=t.name\_history1,

name\_history1=t.name,

name=REPLACE(REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE

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,char(36),''),char(37),''),char(38),''),char(39),''),char(40),''),char(41),''),char(42),''),char(43),''),char(44),''),char(45)

,''),char(46),''),char(47),''),char(58),''),char(59),''),char(60),''),char(61),''),char(62),''),char(63),''),char(64),'')

,char(91),''),char(92),''),char(93),''),char(94),''),char(95),''),char(96),''),char(123),''),char(124),''),char(125),''),

char(126),''),char(127),'')

from

dim\_part t

join

ralli.dbo.part s

on s.partid=t.partid

where

t.name<>REPLACE(REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE( REPLACE

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,char(36),''),char(37),''),char(38),''),char(39),''),char(40),''),char(41),''),char(42),''),char(43),''),char(44),''),char(45)

,''),char(46),''),char(47),''),char(58),''),char(59),''),char(60),''),char(61),''),char(62),''),char(63),''),char(64),'')

,char(91),''),char(92),''),char(93),''),char(94),''),char(95),''),char(96),''),char(123),''),char(124),''),char(125),''),

char(126),''),char(127),'')

**Users:**

Insert1:

Insert into [Target\_OCT19\_TMohan].dbo.dim\_users

select

case when a.userid is null then 0 else ltrim(rtrim(a.userid)) end as userid,

case when a.firstname is null then 'UNK' else ltrim(rtrim(concat(upper(substring(a.firstname,1,1)),

substring(a.firstname,2,len(a.firstname))))) end as firstname,

case when a.lastname is null then 'UNK' else ltrim(rtrim(concat(upper(substring(a.lastname,1,1)),

substring(a.lastname,2,len(a.lastname))))) end as lastname,

case when a.displayname is null then 'UNK' else concat(ltrim(rtrim(concat(upper(substring(a.firstname,1,1)),

substring(a.firstname,2,len(a.firstname))))),' ',

ltrim(rtrim(concat(upper(substring(a.lastname,1,1)),

substring(a.lastname,2,len(a.lastname)))))) end as displayname,

case when a.department is null then 'UNK' else ltrim(rtrim(a.department)) end as department,

case when a.title is null then 'UNK' else ltrim(rtrim(a.title)) end as title,

case when a.manager is null then 'UNK' else ltrim(rtrim(a.manager)) end as manager,

case when a.email is null then 'UNK' else ltrim(rtrim(a.email)) end as email,

case when a.enabled is null then 0 else ltrim(rtrim(a.enabled)) end as enabled,

case when a.division is null then 'UNK' else ltrim(rtrim(a.division)) end as division,

case when a.manageruserid is null then 0 else ltrim(rtrim(a.manageruserid)) end as manageruserid,

0 as title\_version,

GETDATE() as DW\_CREATED\_DATE,

SUSER\_SNAME() as DW\_CREATED\_BY,

getdate() as DW\_UPDATE\_DATE,

SUSER\_SNAME() as DW\_UPDATE\_BY

from

ralli.dbo.users a

left join

[Target\_OCT19\_TMohan].dbo.sample\_dim\_users b

on

a.userid=b.userid

where

b.userid is null

Insert2:

Insert into [Target\_OCT19\_TMohan].dbo.dim\_users

select

case when a.userid is null then 0 else ltrim(rtrim(a.userid)) end as userid,

case when a.firstname is null then 'UNK' else ltrim(rtrim(concat(upper(substring(a.firstname,1,1)),

substring(a.firstname,2,len(a.firstname))))) end as firstname,

case when a.lastname is null then 'UNK' else ltrim(rtrim(concat(upper(substring(a.lastname,1,1)),

substring(a.lastname,2,len(a.lastname))))) end as lastname,

case when a.displayname is null then 'UNK' else concat(ltrim(rtrim(concat(upper(substring(a.firstname,1,1)),

substring(a.firstname,2,len(a.firstname))))),' ',

ltrim(rtrim(concat(upper(substring(a.lastname,1,1)),

substring(a.lastname,2,len(a.lastname)))))) end as displayname,

case when a.department is null then 'UNK' else ltrim(rtrim(a.department)) end as department,

case when a.title is null then 'UNK' else ltrim(rtrim(a.title)) end as title,

case when a.manager is null then 'UNK' else ltrim(rtrim(a.manager)) end as manager,

case when a.email is null then 'UNK' else ltrim(rtrim(a.email)) end as email,

case when a.enabled is null then 0 else ltrim(rtrim(a.enabled)) end as enabled,

case when a.division is null then 'UNK' else ltrim(rtrim(a.division)) end as division,

case when a.manageruserid is null then 0 else ltrim(rtrim(a.manageruserid)) end as manageruserid,

case when title\_version is null then 0 else title\_version+1 end as title\_version,

GETDATE() as DW\_CREATED\_DATE,

SUSER\_SNAME() as DW\_CREATED\_BY,

getdate() as DW\_UPDATE\_DATE,

SUSER\_SNAME() as DW\_UPDATE\_BY

from

ralli.dbo.users a

left join

[Target\_OCT19\_TMohan].dbo.sample\_dim\_users b

on

a.userid=b.userid

and

ltrim(rtrim(a.title))<>b.title

where

title\_version = (select max(title\_version)

from [Target\_OCT19\_TMohan].dbo.sample\_dim\_users c

where b.userid=c.userid

)

**VehicleVIN:**

Insert1:

insert into dim\_vehiclevin

select

case when s.vehiclevinid is null then 0 else ltrim(rtrim(s.vehiclevinid)) end as vehiclevinid,

case when s.vehiclevin is null then 'UNK' else ltrim(rtrim(s.vehiclevin)) end as vehiclevin,

case when s.VehicleModelCode is null then 'UNK' else ltrim(rtrim(s.vehiclemodelcode)) end as vehiclemodelcode,

case when s.vehiclemodel is null then 'UNK' else ltrim(rtrim(s.vehiclemodel)) end as vehiclemodel,

case when s.modelcategory is null then 'UNK' else ltrim(rtrim(s.modelcategory)) end as modelcategory,

case when s.modelyear is null then 0 else ltrim(rtrim(s.modelyear)) end as modelyear,

case when s.driveorientation is null then 'UNK' else ltrim(rtrim(s.driveorientation)) end as driveorientation,

case when s.actualdeliveryeddate is null then '01-01-1900' else

ltrim(rtrim(concat(format(s.actualdeliveryeddate,'MMM'),' ',

format(s.actualdeliveryeddate,'dd'),' ',

format(s.actualdeliveryeddate,'yyyy'),' ',

format(s.actualdeliveryeddate,'hh:mm'),' ',

format(s.actualdeliveryeddate,'tt'))))end as actualdeliverydate,

case when s.enabled is null then 0 else ltrim(rtrim(s.enabled)) end as enabled,

case when s.nearestservicelocationid is null then 0 else ltrim(rtrim(s.nearestservicelocationid)) end as nearestservicelocationid,

case when s.factorygatedate is null then '01-01-1900' else

ltrim(rtrim(format(s.factorygatedate,'yyyyMMdd'))) end as factorygatedate,

case when s.vehiclecolor is null then 'UNK' else ltrim(rtrim(s.vehiclecolor)) end as vehiclecolor,

case when s.vehicletitle is null then 'UNK' else ltrim(rtrim(s.vehicletitle)) end as vehicletitle,

case when s.lastodometer is null then '0' else ltrim(rtrim(s.lastodometer)) end as lastodometer,

case when s.inventoryvehicle is null then 0 else ltrim(rtrim(s.inventoryvehicle)) end as inventoryvehicle,

case when s.newused is null then 'UNK' else ltrim(rtrim(s.newused)) end as newused,

case when s.market is null then 'UNK' when s.market='EU'then 'EUROPE'

when s.market='EUO' then 'EUROPE OTHERS'

when s.market='NA' then 'NORTH AMERICA'

when s.market='APAC' then 'ASIA PACIFIC'

end as market,

case when s.deliveryregion is null then 'UNK' else

replace(s.deliveryregion,' ','') end as deliveryregion,

case when s.odometertype is null then 'UNK'

when s.odometertype='Kilometers' then 'km'

when s.odometertype='miles' then 'mi'

end as odometertype,

getdate() as locationid\_startdate,

getdate()-1 as locationid\_enddate,

GETDATE() as DW\_CREATED\_DATE,

SUSER\_SNAME() as DW\_CREATED\_BY,

getdate() as DW\_UPDATE\_DATE,

SUSER\_SNAME() as DW\_UPDATE\_BY

from ralli.dbo.VehicleVIN s

left join dim\_vehiclevin t

on

s.vehiclevin=t.vehiclevin

where

t.vehiclevin is null

and s.enabled=-1

Update:

update dim\_vehiclevin

set

locationid\_enddate=getdate()

from dim\_vehiclevin t

join

ralli.dbo.VehicleVIN s

on

t.vehiclevin=s.vehiclevin

where

t.NearestServiceLocationID<>

ltrim(rtrim(s.NearestServiceLocationID))

and

t.locationid\_enddate=(select max(locationid\_enddate) from

dim\_vehiclevin where vehiclevin=t.vehiclevin)

and

s.enabled=-1

Insert2:

insert into dim\_vehiclevin

select

case when s.vehiclevinid is null then 0 else ltrim(rtrim(s.vehiclevinid)) end as vehiclevinid,

case when s.vehiclevin is null then 'UNK' else ltrim(rtrim(s.vehiclevin)) end as vehiclevin,

case when s.VehicleModelCode is null then 'UNK' else ltrim(rtrim(s.vehiclemodelcode)) end as vehiclemodelcode,

case when s.vehiclemodel is null then 'UNK' else ltrim(rtrim(s.vehiclemodel)) end as vehiclemodel,

case when s.modelcategory is null then 'UNK' else ltrim(rtrim(s.modelcategory)) end as modelcategory,

case when s.modelyear is null then 0 else ltrim(rtrim(s.modelyear)) end as modelyear,

case when s.driveorientation is null then 'UNK' else ltrim(rtrim(s.driveorientation)) end as driveorientation,

case when s.actualdeliveryeddate is null then '01-01-1900' else

ltrim(rtrim(concat(format(s.actualdeliveryeddate,'MMM'),' ',

format(s.actualdeliveryeddate,'dd'),' ',

format(s.actualdeliveryeddate,'yyyy'),' ',

format(s.actualdeliveryeddate,'hh:mm'),' ',

format(s.actualdeliveryeddate,'tt'))))end as actualdeliverydate,

case when s.enabled is null then 0 else ltrim(rtrim(s.enabled)) end as enabled,

case when s.nearestservicelocationid is null then 0 else ltrim(rtrim(s.nearestservicelocationid)) end as nearestservicelocationid,

case when s.factorygatedate is null then '01-01-1900' else

ltrim(rtrim(format(s.factorygatedate,'yyyyMMdd'))) end as factorygatedate,

case when s.vehiclecolor is null then 'UNK' else ltrim(rtrim(s.vehiclecolor)) end as vehiclecolor,

case when s.vehicletitle is null then 'UNK' else ltrim(rtrim(s.vehicletitle)) end as vehicletitle,

case when s.lastodometer is null then '0' else ltrim(rtrim(s.lastodometer)) end as lastodometer,

case when s.inventoryvehicle is null then 0 else ltrim(rtrim(s.inventoryvehicle)) end as inventoryvehicle,

case when s.newused is null then 'UNK' else ltrim(rtrim(s.newused)) end as newused,

case when s.market is null then 'UNK' when s.market='EU'then 'EUROPE'

when s.market='EUO' then 'EUROPE OTHERS'

when s.market='NA' then 'NORTH AMERICA'

when s.market='APAC' then 'ASIA PACIFIC'

end as market,

case when s.deliveryregion is null then 'UNK' else

replace(s.deliveryregion,' ','') end as deliveryregion,

case when s.odometertype is null then 'UNK'

when s.odometertype='Kilometers' then 'km'

when s.odometertype='miles' then 'mi'

end as odometertype,

getdate() as locationid\_startdate,

null as locationid\_enddate,

GETDATE() as DW\_CREATED\_DATE,

SUSER\_SNAME() as DW\_CREATED\_BY,

getdate() as DW\_UPDATE\_DATE,

SUSER\_SNAME() as DW\_UPDATE\_BY

from ralli.dbo.VehicleVIN s

left join dim\_vehiclevin t

on

s.vehiclevin=t.vehiclevin

and

t.nearestservicelocationid<>ltrim(rtrim(s.nearestservicelocationid))

where

t.locationid\_enddate=(select max(locationid\_enddate) from

dim\_vehiclevin where vehiclevin=t.vehiclevin)

and

s.enabled=-1

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))