

Name	Source DB	Source Table	Source Name	Key	Key Dimension	Data Type	Nullability	Additivity	Description
SALE_ORDER_KEY		Generated	SALE_ORDER_KEY	Primary Key (SK)		bigint	NOT NULL	Non-Additive	Primary Key
SALE_RV_Serial_Number	Products	Sold	RV_Serial_Number			bigint	NOT NULL	Non-Additive	
SALE_DATE_KEY		Generated	DATE_KEY	Foreign Key (SK)	Date (Role Playing)	bigint	NOT NULL	Non-Additive	Foreign Key - Date DIM (Role Playing). Can map off Sale_Date in Sold.
SALE_Transit_Fees	Products	Sold	Transit_Fees			money	NULL	Additive	
SALE_Handling_Fees	Products	Sold	Handling_Fees			money	NULL	Additive	
SALE_Processing_Fees	Products	Sold	Processing_Fees			money	NULL	Additive	
SALE_Sales_Tax_Amount	Products	Sold	Sales_Tax_Amount			money	NULL	Additive	
SALE_Total_Fees		Calculated				money	NULL	Additive	Calculated by summing all of the fees together
SALE_Actual_Sales_Amount	Products	Sold	Actual_Sales_Amount			money	NOT NULL	Additive	Assumed final price after all taxes & fees
ALLOCATION_DATE_KEY		Generated	DATE_KEY	Foreign Key (SK)	Date (Role Playing)	bigint	NOT NULL	Non-Additive	Foreign Key - Date DIM (Role Playing). Can map off Allocation_Date in Sold.
RECEIPT_DATE_KEY		Generated	DATE_KEY	Foreign Key (SK)	Date (Role Playing)	bigint	NOT NULL	Non-Additive	Foreign Key - Date DIM (Role Playing). Can map off Dealer_Receipt_Date in Sold.
MFG_DATE_KEY		Generated	DATE_KEY	Foreign Key (SK)	Date (Role Playing)	bigint	NOT NULL	Non-Additive	Foreign Key - Date DIM (Role Playing). Can map off RV_MFG_Date in Sold.
SALE_RV_MFG_Plant_Code	Products	Sold	RV_MFG_Plant_Code			varchar(10)	NOT NULL	Non-Additive	MFG Plant Code of the Product Sold
INC_KEY		Generated	INC_KEY	Foreign Key (SK)	Incentive Program	bigint	NOT NULL	Non-Additive	Foreign Key - Incentive Program DIM. Can map off IP_ID in Sold.
CUST_ID	Products	Sold	CUST_ID			bigint	NOT NULL	Non-Additive	Future Foreign Key for a Customer table.
WH_ID	Products	Sold	WH_ID			smallint	NOT NULL	Non-Additive	Future Foreign Key for Warehouse table.
DLRS_KEY		Generated	DLRS_KEY	Foreign Key (SK)	Dealership	bigint	NOT NULL	Non-Additive	Foreign Key - Dealership DIM. Can map off DLR_ID or Dea_DLR_ID in Sold.
PROD_KEY		Generated	PROD_KEY	Foreign Key (SK)	Product	bigint	NOT NULL	Non-Additive	Foreign Key - Product DIM. Can map by linking VT_ID to MMC_ID in Vehicle_Type.
FEAT_KEY		Generated	FEAT_KEY	Foreign Key (SK)	Feature	bigint	NOT NULL	Non-Additive	Foreign Key - Feature Set DIM. Can map off FS_ID in Sold
SORG_KEY		Generated	SORG_KEY	Foreign Key (SK)	Sales Org	bigint	NOT NULL	Non-Additive	Foreign Key - Sales Org DIM. Can hopefully map DLR_ID in Sold to the Dealer table in Sales_Org and ST_ID
REGN_KEY		Generated	REGN_KEY	Foreign Key (SK)	Region	bigint	NOT NULL	Non-Additive	Foreign Key - Region DIM. Can hopefully map DLR_ID in Sold to the Dealer table in Sales_Org and MICSA_ID
SALE_Retail_Or_WholeSale	Products	Sold	Retail_Or_WholeSale			varchar(1)	NULL	Non-Additive	Wholesale or Retail purchase
SALE_First_Time_Buyer	Products	Sold	First_Time_Buyer			varchar(1)	NULL	Non-Additive	First Time or Returning Customer
SALE_Quantity		Calculated				smallint	NOT NULL	Additive	Calculated as a single quantity (1) for each line.

Name	Source DB	Source Table	Source Name	Key	Data Type	Nullability
PROD KEY		None (Generated)		Primary Key (SK)	bigint	NOT NULL
PROD Make KEY		None (Generated)		MBR Key (SK)	bigint	NOT NULL
PROD MMC ID	Products	MMC	MMC ID		smallint	NOT NULL
PROD Make Name	Products	MMC	MMC Make Name		varchar(40)	NOT NULL
PROD Make Desc	Products	MMC	MMC Make Desc		varchar(256)	NOT NULL
PROD Model Name	Products	MMC	MMC Model Name		varchar(40)	NOT NULL
PROD Model Desc	Products	MMC	MMC Model Desc		varchar(256)	NOT NULL
PROD Class Name	Products	MMC	MMC Class Name		varchar(40)	NOT NULL
PROD Class Desc	Products	MMC	MMC Class Desc		varchar(256)	NOT NULL
PROD Vehicle Type ID	Products	Vehicle Type	VT ID		smallint	NOT NULL
PROD Model Year	Products	Vehicle Type	VT Model Year		smallint	NOT NULL
PROD MSRP	Products	Vehicle Type	VT MSRP		money	NOT NULL
PROD Wholesale Price	Products	Vehicle Type	VT Wholesale Price		money	NOT NULL
PROD Color ID	Products	Color	CLR ID		bigint	NOT NULL
PROD Color Name	Products	Color	CLR Name		varchar(40)	NOT NULL
PROD Color Desc	Products	Color	CLR Description		varchar(256)	NOT NULL
PROD Model KEY		None (Generated)		MBR Key (SK)	bigint	NOT NULL
PROD Class KEY		None (Generated)		MBR Key (SK)	bigint	NOT NULL
PROD Model Year KEY		None (Generated)		MBR Key (SK)	bigint	NOT NULL
PROD Color KEY		None (Generated)		MBR Key (SK)	bigint	NOT NULL

Description	Sample Value
The generated surrogate key for the product DIM	67890
The generated surrogate key for the Make level of the DIM	12345
This is the ID for a combination of Make, Model and Class	12345
This is the name of a Make	Packrat
This is a description of a Make	Packrat
This is the Name of a model	Hydrogen
This is the description of a Model	Hydrogen
This is the name of the class	Basic
This is the description of the class	Basic
This is the ID for a vehicle type	12345
This is the model year for an RRV type	2007
This is the Manufacturer's suggested retail price for this vehicle type (not	\$15,000
This is the wholesale price for this vehicle type (not including any feature	\$12,000
This is the ID for a color	12345
This is the name for a color	Green
This is the description of a color.	An emerald green
This is the ID for a color	12345
The generated surrogate key for the Class level of the DIM	12345
The generated surrogate key for the Model Year level of the DIM	12345
The generated surrogate key for the Color level of the DIM	12345

Name	Source DB	Source Table	Source Name	Key	Data Type	Nullability	Description	Sample Value
FEAT_KEY		None (Generated)		Primary Key (SK)	bigint	Not Null	Surrogate key for Feature DIM	12345
FEAT_Set_ID	Products	FeatureSet	FS_ID		varchar(256)	Not Null	This is the ID for a set of features. This is the OLTP key for the FeatureSet table and a foreign key for the Feature table.	12345
FEAT_Set_Retail_Price	Products	FeatureSet	FS_Retail_Price		MN	Not Null	Feature package price	\$500.00
FEAT_Feature_Description	Products	Feature	FEA_Description		varchar(100)	Not Null	This is the Description for a feature	Cloth seats
FEAT_Feature_ID	Products	Feature	FEA_ID		bigint	Not Null	This is the id for a feature. This is the OLTP key for the Feature table.	12345
FEAT_Feature_Type	Products	Feature	FEA_Type		varchar(30)	Not Null	This is the type for a feature	Add-on
FEAT_Feature_Value	Products	Feature	FEA_Value		MN	Not Null	This is the value for a feature	\$150.00

Name	Source DB	Source Table	Source Name	Key	Data Type	Nullability	Description
INC_KEY		None (Generated)		Primary Key (SK)	bigint	Not Null	The surrogate primary key for the Incentive Plan dimension.
INC_Program_Desc	Products	IncentiveProgram	IP_Desc		varchar(256)	Not Null	This is the description for an incentive program
INC_Program_ID	Products	IncentiveProgram	IP_ID		smallint	Not Null	This is the id for an incentive program. This is the key from the OLTP IncentiveProgram table.
INC_Program_Level	Products	IncentiveProgram	IP_Level		varchar(20)	Not Null	This is the level for an incentive program
INC_Program_Name	Products	IncentiveProgram	IP_Name		varchar(60)	Not Null	This is the name for an incentive program
INC_Program_Num_Payments	Products	IncentiveProgram	IP_Num_Payments		smallint	Not Null	This is the number of payments for an incentive program
INC_Program_Rate	Products	IncentiveProgram	IP_Rate		numeric(4,2)	Not Null	This is the rate for an incentive program
INC_Program_Type	Products	IncentiveProgram	IP_Type		varchar(15)	Not Null	This is the type for an incentive program

Sample Value
67890
Pay no sales tax on your purchase
12345
Level 1
Tax Free Sale
72
07.25
Discount

Name	Source DB	Source Table	Source Name	Key	Data Type	Nullability
SORG_KEY		None (Generated)		Primary Key (SK)	bigint	Not Null
SORG_District_KEY		None (Generated)		MBR Key (SK)	bigint	Not Null
SORG_District_Name	Sales_Org	Sales_District	SD_Name		varchar(60)	Not Null
SORG_District_ID	Sales_Org	Sales_District	SD_ID		smallint	Not Null
SORG_District_Desc	Sales_Org	Sales_District	SD_Desc		varchar(256)	Not Null
SORG_District_MGR_ID	Sales_Org	Sales_Mgr	MGR_ID		smallint	Null
SORG_District_MGR_First_Name	Sales_Org	Sales_Mgr	MGR_First_Name		varchar(60)	Null
SORG_District_MGR_Last_Name	Sales_Org	Sales_Mgr	MGR_Last_Name		varchar(60)	Null
SORG_District_MGR_Full_Name	Sales_Org	Sales_Mgr	Concatenate 10&11		varchar(256)	Null
SORG_District_MGR_Email	Sales_Org	Sales_Mgr	MGR_Email		varchar(256)	Null
SORG_District_MGR_Experience	Sales_Org	Sales_Mgr	MGR_Experience		smallint	Null
SORG_Area_KEY		None (Generated)		MBR Key (SK)	bigint	Not Null
SORG_Area_Name	Sales_Org	SA_Name	SA_Name		varchar(60)	Not Null
SORG_Area_ID	Sales_Org	SA_ID	SA_ID		smallint	Not Null
SORG_Area_Desc	Sales_Org	SA_Desc	SA_Desc		varchar(256)	Not Null
SORG_Area_MGR_ID	Sales_Org	MGR_ID	MGR_ID		smallint	Null
SORG_Area_MGR_First_Name	Sales_Org	MGR_First_Name	MGR_First_Name		varchar(60)	Null
SORG_Area_MGR_Last_Name	Sales_Org	MGR_Last_Name	MGR_Last_Name		varchar(60)	Null
SORG_Area_MGR_Full_Name	Sales_Org	Sales_Mgr	Concatenate 20&21		varchar(256)	Null
SORG_Area_MGR_Email	Sales_Org	MGR_Email	MGR_Email		varchar(256)	Null
SORG_Area_MGR_Experience	Sales_Org	MGR_Experience	MGR_Experience		smallint	Null
SORG_Territory_KEY		None (Generated)		MBR Key (SK)	bigint	Not Null
SORG_Territory_Name	Sales_Org	ST_Name	ST_Name		varchar(60)	Not Null
SORG_Territory_ID	Sales_Org	ST_ID	ST_ID		smallint	Not Null
SORG_Territory_Desc	Sales_Org	ST_Desc	ST_Desc		varchar(256)	Not Null
SORG_Territory_MGR_ID	Sales_Org	MGR_ID	MGR_ID		smallint	Null
SORG_Territory_MGR_First_Name	Sales_Org	MGR_First_Name	MGR_First_Name		varchar(60)	Null
SORG_Territory_MGR_Last_Name	Sales_Org	MGR_Last_Name	MGR_Last_Name		varchar(60)	Null
SORG_Territory_MGR_Full_Name	Sales_Org	Sales_Mgr	Concatenate 30&31		varchar(256)	Null
SORG_Territory_MGR_Email	Sales_Org	MGR_Email	MGR_Email		varchar(256)	Null
SORG_Territory_MGR_Experience	Sales_Org	MGR_Experience	MGR_Experience		smallint	Null

Description	Sample Value
This is the surrogate key for the Sales Org dimension.	678910
This is the surrogate key for the District level of the Sales Org dimension.	67890
The name of the sales district	East
Identifies the sales district	12345
This is a description of the Sales District	ME, NH, VT, NY, MA, RI, CT, NJ, DE, DC, PA, MD, VA, WV, NC, SC, GA, FL
Identifies a sales manager	12345
The first name of a (district, area or territorial) manager in the sales organization	Steve
The last name of a (district, area or territorial) manager in the sales organization	Johnson
Concatenation of first and last name for reporting purposes.	Steve Johnson
The email address for this manager	manager@domain.com
This is the number of full years that the manager has been managing at some level (district, area, or territorial)	15
This is the surrogate key for the Area level of the Sales Org dimension.	67890
The name of the sales area	Northeast
Identifies the sales area	12345
This is a description of the Sales Area	ME, NH, VT, NY, MA, RI, CT, NJ, PA
Identifies a sales manager	12345
The first name of a (district, area or territorial) manager in the sales organization	Steve
The last name of a (district, area or territorial) manager in the sales organization	Johnson
Concatenation of first and last name for reporting purposes.	Steve Johnson
The email address for this manager	manager@domain.com
This is the number of full years that the manager has been managing at some level (district, area, or territorial)	15
This is the surrogate key for the Territory level of the Sales Org dimension.	67890
The name of the sales territory	Northeast - 1
Identifies a sales territory	12345
This is a description of the Sales Territory	ME, NH, VT
Identifies a sales manager	12345
The first name of a (district, area or territorial) manager in the sales organization	Steve
The last name of a (district, area or territorial) manager in the sales organization	Johnson
Concatenation of first and last name for reporting purposes.	Steve Johnson
The email address for this manager	manager@domain.com
This is the number of full years that the manager has been managing at some level (district, area, or territorial)	15



Name	Source DB	Source Table	Source Name	Key	Data Type	Nullability
DLRS_KEY		None (Generated)		Primary Key (SK)	bigint	Not Null
DLRS_Dealer_ID	Products	Dealer	DLR_ID		bigint	Not Null
DLRS_Corporate_Dealership_ID	Corporate	Dealership	DLR_ID		smallint	Not Null
DLRS_Dealer_Code	Products	Dealer	DLR_Code		varchar(15)	Not Null
DLRS_Dealer_Street_Address	Products	Dealer	DLR_Street		varchar(60)	Not Null
DLRS_Dealer_City	Products	Dealer	DLR_City		varchar(60)	Not Null
DLRS_Dealer_State	Products	Dealer	DLR_State		varchar(60)	Not Null
DLRS_Dealer_Zip	Products	Dealer	DLR_Zip		varchar(60)	Not Null
DLRS_Dealer_Type	Corporate	Dealership	DLR_Type		varchar(1)	Not Null
DLRS_Dealer_Phone	Corporate	Dealership	DLR_Phone		varchar(20)	Not Null
DLRS_Dealer_Email	Corporate	Dealership	DLR_Email		varchar(256)	Not Null
DLRS_Dealer_Sales_Began_Date	Corporate	Dealership	DLR_Since		datetime	Not Null
DLRS_Dealer_Website_Admin	Corporate	Website	WEB_Admin		varchar(256)	Not Null
DLRS_Dealer_Website_ID	Corporate	Website	WEB_ID		smallint	Not Null
DLRS_Dealer_Website_Began_Date	Corporate	Website	WEB_Start_Date		datetime	Not Null
DLRS_Dealer_WEB_URL	Corporate	Website	WEB_URL		varchar(256)	Not Null
DLRS_Corporate_Dealers_MGR_First_Name	Corporate	Dealership	CD_MGR_Fname		varchar(100)	Not Null
DLRS_Corporate_Dealers_MGR_Last_Name	Corporate	Dealership	CD_Mgr_Lname		varchar(100)	Not Null
DLRS_Corporate_Dealers_MGR_Full_Name	Corporate	Dealership	Concatenate CD_Mgr_Lname & CD_MGR_Fname		varchar(200)	Not Null
DLRS_Corporate_Dealers_ID	Corporate	Dealership	CD_Name		varchar(200)	Not Null
DLRS_Independent_Dealers_ID	Corporate	Dealership	ID_Name		varchar(256)	Not Null
DLRS_Independent_Dealers_Renewal_Date	Corporate	Dealership	ID_Renewal_Date		datetime	Not Null
DLRS_Dealership_ID	Corporate	Branch & Owner_Address	Union BR_ID & OADR_ID		smallint	Not Null
DLRS_Dealership_County	Corporate	Branch & Owner_Address	Union BR_County & OADR_County		varchar(60)	Not Null
DLRS_Dealership_Country	Corporate	Branch & Owner_Address	Union BR_Country & OADR_Country		varchar(60)	Not Null
DLRS_Indep_Owner_ID	Corporate	Owner	OWN_ID		smallint	Not Null
DLRS_Indep_Owner_Name	Corporate	Owner	OWN_Name		varchar(200)	Not Null

Description	Sample Value
Generated Surrogate Key for the Dealership Dimension	67890
Primary Identifier Attribute for the Dealer in the Products database	12345
Primary Identifier Attribute for the Dealer in the Corporate database	45678
This is the identifier (unique) for a dealership	ABCD
This is the Street address for a Dealership	132 Main Street
This is the city for a dealership	Minneapolis
This is the State for a Dealership	Minnesota
The Zip code (10 digit) for the Dealer	90210-1234
This is the type for the dealership, P=Packrat, B=Behemoth, A=ALL (packrat and Behemoth)	A
This is the phone number for the dealership	(555)123-4567
The Email address for this dealership	name@domain.com
The Date that this Dealership began selling RRV's.	01-Jul-1989
This is the email of the web admistrator	name@domain.com
Primary Identifier Attribute for each website in the Website table	12345
The date when the website first went online	01-Jul-1989
The Website URL (if any) for this dealership	www.sitename.com
This is the first name of the person responsible for managing this corporate dealership	John
This is the last name of the person responsible for managing this corporate dealership	Smith
The concatenated full name of the person responsible for managing the corporate dealership	Smith, John
This serves as a candidate key for the Corporate Dealers	CDLR
This serves as a candidate key for the independents.	IDLR
The date of the next renewal contract for this dealership	01-Jul-2020
A union on the ID fields for Branch and Owner_Address	12345
A union on the County fields for Branch and Owner_Address	Hennepin
A union on the Country fields for Branch and Owner_Address	USA
Uniquely identifies an owner of an independent dealership	12345
This is the name of a person who (as representing a company or individual) owns at least one independent dealership. Name is of the format: Last,First	Jones, Sally

Name	Source DB	Source Table	Source Name	Key	Data Type	Nullability
REGN_KEY		None (Generated)		Primary Key (SK)	bigint	Not Null
REGN_MSA_KEY		None (Generated)		MBR Key (SK)	bigint	Not Null
REGN_MSA_Name	Sales_Org	Metropolitan_Statistical_Area	MSA_Name		varchar(60)	Not Null
REGN_MSA_ID	Sales_Org	Metropolitan_Statistical_Area	MSA_ID		bigint	Not Null
REGN_MSA_Description	Sales_Org	Metropolitan_Statistical_Area	MSA_Description		varchar(100)	Not Null
REGN_MSA_Population	Sales_Org	Metropolitan_Statistical_Area	MSA_Population		bigint	Not Null
REGN_MICSA_KEY		None (Generated)		MBR Key (SK)	bigint	Not Null
REGN_MICSA_Description	Sales_Org	Micropolitan_Statistical_Area	MICSA_Description		varchar(100)	Not Null
REGN_MICSA_ID	Sales_Org	Micropolitan_Statistical_Area	MICSA_ID		bigint	Not Null
REGN_MICSA_Population	Sales_Org	Micropolitan_Statistical_Area	MICSA_Population		bigint	Not Null

Description	Sample Value
This is the surrogate key for the Region Dimension.	67890
This is the surrogate key for the MSA level of the Region DIM.	67890
This is the name of the MSA as specified by the government	Twin Cities
This is the identifier of an MSA from the MSA table	12345
This is an informal description of the MSA.	Minneapolis/St. Paul
This is the population for the MSA	3,000,000
This is the surrogate key for MICSA level of the Region DIM	67890
This is the description of the MICSA	West Twin Cities
This is the identifier of an MICSA from the MICSA table.	12345
This is the population for the MICSA	700,000

Name	Source DB/Table/Name	Key	Data Type	Nullability	Description	Sample Value
DATE_KEY	None (Generated)	Primary Key (SK)	bigint	NOT NULL	The surrogate key for this Dimension. Will roleplay 4 times as SALE_DATE_KEY, MFG_DATE_KEY, ALLOCATION_DATE_KEY, RECEIPT_DATE_KEY	100000
DATE_Year	None (Generated)	MBR Key (SK)	smallint	NOT NULL	The year	1997
DATE_Quarter_KEY	None (Generated)	MBR Key (SK)	bigint	NOT NULL	A surrogate key for the Quarter level of the DIM	1000
DATE_Quarter_Name	None (Generated)		varchar(100)	NOT NULL	The name of the quarter spelled out	First Quarter
DATE_Quarter_Abbreviation	None (Generated)		varchar(15)	NOT NULL	An abbreviation of the quarter	Q1
DATE_Quarter	None (Generated)		varchar(60)	NOT NULL	The year and quarter abbreviated together	1997-Q1
DATE_Month_KEY	None (Generated)	MBR Key (SK)	bigint	NOT NULL	A surrogate key for the Month level of the DIM	3000
DATE_Month_Number	None (Generated)		smallint	NOT NULL	The month of the year in numeric form	1
DATE_Month_Name	None (Generated)		varchar(60)	NOT NULL	The month of the year spelled out	January
DATE_Month_Abbreviation	None (Generated)		varchar(15)	NOT NULL	The month of the year abbreviated	JAN
DATE_Month	None (Generated)		varchar(60)	NOT NULL	The year and month of the year abbreviated together	1997-Jan
DATE_Week	None (Generated)		varchar(60)	NOT NULL	The year and week of the year abbreviated together	1997-Week 01
DATE_Week_Of_Year	None (Generated)		smallint	NOT NULL	The week of the year in numeric	1
DATE_Week_Of_Quarter	None (Generated)		smallint	NOT NULL	The week of the quarter in numeric	1
DATE_Day_Of_Year	None (Generated)		smallint	NOT NULL	The day of the year in numeric	1
DATE_Day_Of_Quarter	None (Generated)		smallint	NOT NULL	The day of the quarter in numeric	1
DATE_Day_Of_Week	None (Generated)		varchar(60)	NOT NULL	The day of the week in numeric	Thursday
DATE_Day_of_Month	None (Generated)		smallint	NOT NULL	The day of the month in numeric	1
DATE_Type_Of_Day	None (Generated)		varchar(60)	NOT NULL	The type of day (Weekday or Weekend)	Weekday
DATE_Holiday_Of_Day	None (Generated)		varchar(100)	NOT NULL	The name of the holiday if a holiday	New Year's Day
DATE_Date	None (Generated)		date	NOT NULL	The date in date format.	1/1/1997