DATA MODEL FLOW

Sales Multiprovider - (SLS_MP)

Internet Sales
InfoCube (TD_IS_C)

Reseller Sales
InfoCube (TD_RS_C)

Direct Assignments (1:1),
Formulas

Direct Assignments (1:1),
Formulas

Internet Sales Fact
(TD_IS)

Reseller Sales Fact
(TD_RS)

1:1

1:1

DataSource

DataSource

DS for Internet Sales Transactional
Data (DS_IS_TD)

DS for Reseller Sales Transactional
Data (DS_RS_TD)
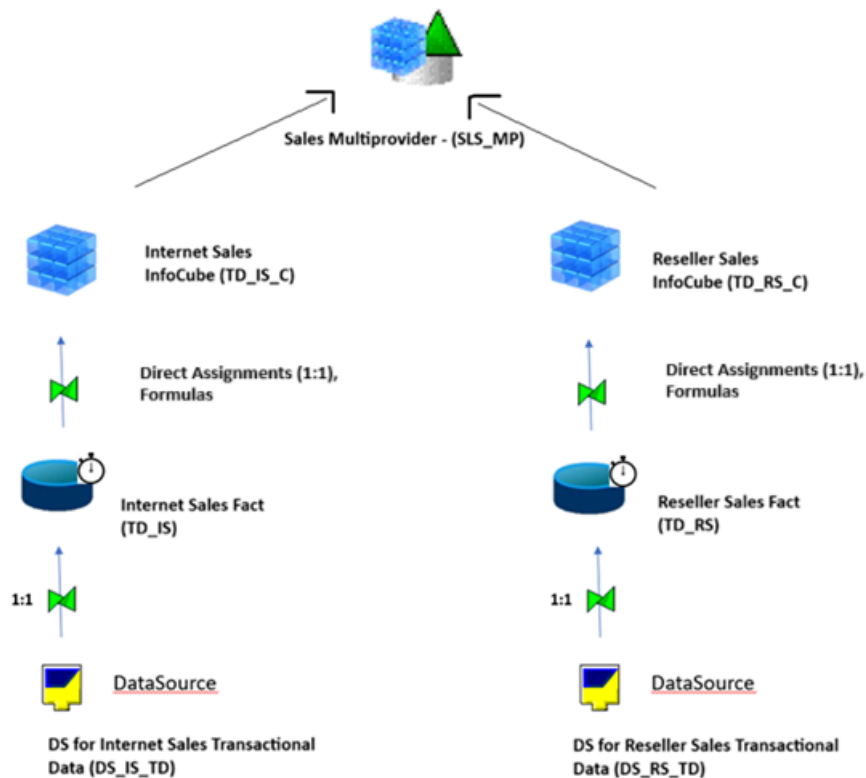

Transformations from DSO to CUBE

In this example we cover data transfer logic from ODSO TS_IS to CUBE TS_IS_C.

1. TD_IS.DSO.XLSX– contains TD_IS DSO structure

2. DSO - TD_IS - content.xls contains source records which have to be processed and transformed

3. TD_IS.CUBE.XLSX– contains TD_IS_C cube structure

4. CUBE - TD_IS_C - content.xls- contains the transformed records as they currently are in S13 Development system, to be used for validation of the result.

From DSO (TD_IS) To CUBE (TD_IS_C)

Transformation	ODSO TD_IS -> CUBE TD_IS_C	Runtime Status	Only ABAP runtime is supported
Source	Internet Sales Fact (TD_IS)		
Target	Internet Sales InfoCube (TD_IS_C)		
Version	Active		
Active Version	Executable	Edited Version	

Internet Sales Fact (TD_IS)

Posi	Key	InfoObject	Ico	Descript.	Data t	Lngth
1	key	MD_SON		Sales Order Number	CHAR	000007
2	key	MD_PROD		Product MD	NUMC	000004
3	key	MD_CUS		Customer MD	NUMC	000005
4	key	MD_PROM		Promotion MD	NUMC	000003
5	key	MD_S_TY		Sales Territory MD	NUMC	000003
6		0RECORDMODE		BW Delta Process: Update Mode	CHAR	000001
7		MD_SF		Sales Flag	CHAR	000002
8		MD_SOLN		Sales Order Line Number	NUMC	000002
9		MD_FRG		Freight Number	CHAR	000008
10		MD_CURR		Currency MD	NUMC	000003
11		MD_ORD		Order Date	DATS	000008
12		MD_DD		Due Date	DATS	000008
13		MD_SHD		Ship Date	DATS	000008
14		MD_OQ		Order Quantity	QUAN	000017
15		MD_DA		Discount Amount	CURR	000017
16		MD_CURRN		Currency Unit	CUKY	000005
17		MD_TPC		Cost of Goods Sold (COGS)	CURR	000017
18		MD_SA		Net Sales Revenue (NSR)	CURR	000017
19		MD_TA		Tax Amount	CURR	000017

Internet Sales InfoCube (TD_IS_C) Rule Group: Standard Group

Rul	Rule Name	Posi	Key	InfoObject	Ico	Descript.	Data t	Lngth
=	MD_ORD	1	key	MD_ORD		Order Date	DATS	000008
=	MD_DD	2	key	MD_DD		Due Date	DATS	000008
=	MD_SHD	3	key	MD_SHD		Ship Date	DATS	000008
=	MD_OQ	4		MD_OQ		Order Quantity	QUAN	000017
=	Discount Amount	5		MD_DA		Discount Amount	CURR	000017
=	MD_TPC	7		MD_TPC		Cost of Goods Sold (COGS)	CURR	000017
=	MD_SA	8		MD_SA		Net Sales Revenue (NSR)	CURR	000017
=	MD_TA	9		MD_TA		Tax Amount	CURR	000017
=	MD_SON	10	key	MD_SON		Sales Order Number	CHAR	000007
=	MD_S_TY	11	key	MD_S_TY		Sales Territory MD	NUMC	000003
=	MD_SF	12	key	MD_SF		Sales Flag	CHAR	000002
=	MD_SOLN	13	key	MD_SOLN		Sales Order Line Number	NUMC	000002
=	MD_PROD	14	key	MD_PROD		Product MD	NUMC	000004
=	MD_CUS	15	key	MD_CUS		Customer MD	NUMC	000005
=	MD_PROM	16	key	MD_PROM		Promotion MD	NUMC	000003
=	MD_FRG	17	key	MD_FRG		Freight Number	CHAR	000008
=	MD_CURR	18	key	MD_CURR		Currency MD	NUMC	000003
	Gross Sales Revenue (GSR)	19		MD_EXAM		Gross Sales Revenue (GSR)	CURR	000017
	Gross Profit Amount	20		MD_GPF		Gross Profit Amount	CURR	000017
	Net Profit Amount	21		MD_NPF		Net Profit Amount	CURR	000017
	Unit Price	22		MD_UNPR		Unit Price	CURR	000017
	Discount Percentage	23		MD_DISPER		Discount Percentage	FLTP	000016
	Product Standard Cost	24		MD_PRST		Product Standard Cost	CURR	000017
	Count	25		MD_CNT		Count	INT4	000010

In this example we cover data transfer logic from ODSO TS_RS to CUBE TS_RS_C.

1. TD_RS.DSO.XLSX– contains TD_RS DSO structure

2. DSO - TD_RS - content.xls contains source records which have to be processed and transformed

3. TD_RS.CUBE.XLSX– contains TD_RS_C cube structure

4. CUBE - TD_RS_C - content.xls- contains the transformed records as they currently are in S13 Development system, to be used for validation of the result.

From DSO (TD_RS) To CUBE (TD_RS_C)

Transformation	ODSO TD_RS -> CUBE TD_RS_C	Runtime Status	Only ABAP runtime is supported
Source	Reseller Sales Fact (TD_RS)		
Target	Reseller Sales InfoCube (TD_RS_C)		
Version	Active		
Active Version	Executable / Edited Version		

Reseller Sales Fact (TD_RS)

Posi	Key	InfoObject	Descript.	Data t	Lngth
1		MD PROD	Product MD	NUMC	000004
2		MD RS	Reseller MD	NUMC	000004
3		MD EMP	Employee	NUMC	000004
4		MD PROM	Promotion MD	NUMC	000003
5		MD S TY	Sales Territory MD	NUMC	000003
6		MD CPON	Customer Purchase Order Number	CHAR	000020
7		0RECORDMODE	BW Delta Process: Update Mode	CHAR	000001
8		MD CURR	Currency MD	NUMC	000003
9		MD SON	Sales Order Number	CHAR	000007
10		MD SOLN	Sales Order Line Number	NUMC	000002
11		MD FRG	Freight Number	CHAR	000008
12		MD REVNUM	Revision Number	NUMC	000001
13		MD CTN	Carrier Tracking Number	CHAR	000012
14		MD ORD	Order Date	DATS	000008
15		MD DD	Due Date	DATS	000008
16		MD SHD	Ship Date	DATS	000008
17		MD OO	Order Quantity	QUAN	000017
18		MD UNPR	Unit Price	CURR	000017
19		MD CURRN	Currency Unit	CUKY	000005
20		MD EXAM	Gross Sales Revenue (GSR)	CURR	000017
21		MD DISPER	Discount Percentage	FLTP	000016
22		MD DA	Discount Amount	CURR	000017
23		MD PRST	Product Standard Cost	CURR	000017
24		MD TPC	Cost of Goods Sold (COGS)	CURR	000017
25		MD SA	Net Sales Revenue (NSR)	CURR	000017
26		MD TA	Tax Amount	CURR	000017

Reseller Sales InfoCube (TD_RS_C) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Descript.	Data t	Lngth	Integr
=	MD ORD	1		MD ORD	Order Date	DATS	000008	
=	MD DD	2		MD DD	Due Date	DATS	000008	
=	MD SHD	3		MD SHD	Ship Date	DATS	000008	
=	MD OO	4		MD OO	Order Quantity	QUAN	000017	
=	MD UNPR	5		MD UNPR	Unit Price	CURR	000017	
=	MD EXAM	7		MD EXAM	Gross Sales Revenue (GSR)	CURR	000017	
%	Discount Percentage	8		MD DISPER	Discount Percentage	FLTP	000016	
%	Net Profit Amount	9		MD NPF	Net Profit Amount	CURR	000017	
=	Discount Amount	10		MD DA	Discount Amount	CURR	000017	
=	MD PRST	11		MD PRST	Product Standard Cost	CURR	000017	
=	MD TPC	12		MD TPC	Cost of Goods Sold (COGS)	CURR	000017	
=	MD SA	13		MD SA	Net Sales Revenue (NSR)	CURR	000017	
=	MD TA	14		MD TA	Tax Amount	CURR	000017	
=	MD S TY	15		MD S TY	Sales Territory MD	NUMC	000003	☐
=	MD SON	16		MD SON	Sales Order Number	CHAR	000007	
=	MD SOLN	17		MD SOLN	Sales Order Line Number	NUMC	000002	
=	MD PROD	18		MD PROD	Product MD	NUMC	000004	☐
=	MD RS	19		MD RS	Reseller MD	NUMC	000004	☐
=	MD EMP	20		MD EMP	Employee	NUMC	000004	☐
=	MD PROM	21		MD PROM	Promotion MD	NUMC	000003	☐
=	MD CPON	22		MD CPON	Customer Purchase Order Number	CHAR	000020	
=	MD CURR	23		MD CURR	Currency MD	NUMC	000003	
=	MD FRG	24		MD FRG	Freight Number	CHAR	000008	
=	MD REVNUM	25		MD REVNUM	Revision Number	NUMC	000001	
=	MD CTN	26		MD CTN	Carrier Tracking Number	CHAR	000012	
	Gross Profit Amount	27		MD GPF	Gross Profit Amount	CURR	000017	
	Count	28		MD CNT	Count	INT4	000010	

Transformations from Datasource to DSO

From Datasource (DS_IS_TD) To DSO (TD_IS)

Transformation	RSDS DS_IS_TD XTK_FF -> ODSO TD_IS	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Internet Sales Transactional Data (DS_IS_TD)		
Target	Internet Sales Fact (TD_IS)		
Version	Active		
Active Version	Executable / Edited Version		

DS for Internet Sales Transactional Data (DS_IS_TD)

Posi	Key	Field	Descript.	Data t	Lngth
1		PRODUCTFK	ProductFK	NUMC	000004
2		CUSTOMERFK	CustomerFK	NUMC	000005
3		PROMOTIONFK	PromotionFK	NUMC	000003
4		CURRENCYFK	CurrencyFK	NUMC	000003
5		CURRENCY	Currency	CUKY	000005
6		SALETERRITORYFK	SaleTerritoryFK	NUMC	000003
7		SALESORDERNUMBER	SalesOrderNumberDD	CHAR	000007
8		SALESORDERLINENU	SalesOrderLineNumber	NUMC	000001
9		ORDERQUANTITY	OrderQuantity	QUAN	000001
10		DISCOUNTAMOUNT	DiscountAmount	CURR	000010
11		TOTALPRODUCTCOST	TotalProductCost	CURR	000010
12		SALESAMOUNT	SalesAmount	CURR	000010
13		TAXAMOUNT	TaxAmount	CURR	000010
14		FREIGHT	Freight	CHAR	000010
15		ORDERDATE	OrderDate	DATS	000008
16		DUEDATE	DueDate	DATS	000008
17		SHIPDATE	ShipDate	DATS	000008
18		SALEFLAG	SaleFlag	CHAR	000002

Internet Sales Fact (TD_IS) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Descript.	Data t	Lngth	Int
=	MD_SON	1		MD_SON	Sales Order Number	CHAR	000007	
=	MD_PROD	2		MD_PROD	Product MD	NUMC	000004	☐
=	MD_CUS	3		MD_CUS	Customer MD	NUMC	000005	
=	MD_PROM	4		MD_PROM	Promotion MD	NUMC	000003	☐
=	MD_S_TY	5		MD_S_TY	Sales Territory MD	NUMC	000003	☐
=	MD_SF	7		MD_SF	Sales Flag	CHAR	000002	
=	MD_SOLN	8		MD_SOLN	Sales Order Line Number	NUMC	000002	
=	MD_FRG	9		MD_FRG	Freight Number	CHAR	000008	
=	MD_CURR	10		MD_CURR	Currency MD	NUMC	000003	
=	MD_ORD	11		MD_ORD	Order Date	DATS	000008	
=	MD_DD	12		MD_DD	Due Date	DATS	000008	
=	MD_SHD	13		MD_SHD	Ship Date	DATS	000008	
=	MD_OQ	14		MD_OQ	Order Quantity	QUAN	000017	
=	MD_DA	15		MD_DA	Discount Amount	CURR	000017	
=	MD_CURRN	16		MD_CURRN	Currency Unit	CUKY	000005	☐
=	MD_TPC	17		MD_TPC	Cost of Goods Sold (COGS)	CURR	000017	
=	MD_SA	18		MD_SA	Net Sales Revenue (NSR)	CURR	000017	
=	MD_TA	19		MD_TA	Tax Amount	CURR	000017	

From Datasource (DS_RS_TD) To DSO (TD_RS)

Transformation	RSDS DS_RS_TD XTK_FF -> ODSO TD_RS	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Reseller Sales Transactional Data (DS_RS_TD)		
Target	Reseller Sales Fact (TD_RS)		
Version	Active		
Active Version	Executable	Edited Version	

DS for Reseller Sales Transactional Data (DS_RS_TD)

Posi	Key	Field	Ico	Descript.	Data t	Lngth
1		PRODUCTFK		ProductFK	NUMC	000004
2		ORDERDATEKEY		OrderDateKey	DATS	000008
3		DUEDATEKEY		DueDateKey	DATS	000008
4		SHIPDATEKEY		ShipDateKey	DATS	000008
5		RESELLERKEY		ResellerKey	NUMC	000004
6		EMPKEY		EmpKey	NUMC	000004
7		PROMOKEY		PromoKey	NUMC	000003
8		CURRENCYKEY		CurrencyKey	NUMC	000003
9		SALESTERRITORYKE		SalesTerritoryKey	NUMC	000003
10		SALESORDERNUM		SalesOrderNum	CHAR	000007
11		SALESORDERLINENU		SalesOrderLineNum	NUMC	000002
12		REVISIONNUMBER		RevisionNumber	NUMC	000001
13		ORDERQUANTITY		OrderQuantity	QUAN	000002
14		UNITPRICE		UnitPrice	DEC	000015
15		EXTENDEDAMOUNT		ExtendedAmount	DEC	000015
16		DISCOUNTPERCENTA		DiscountPercentage	FLTP	000016
17		DISCOUNTAMOUNT		DiscountAmount	DEC	000015
18		PRODUCTSTANDARTC		ProductStandartCost	DEC	000015
19		TOTALPRODUCTCOST		TotalProductCost	DEC	000015
20		SALESAMOUNT		SalesAmount	DEC	000015
21		TAXAMOUNT		TaxAmount	DEC	000015
22		FREIGHT		Freight	CHAR	000008
23		CARRIERTRACKINGN		CarrierTrackingNumbe	CHAR	000012
24		CUSTOMERPURCHASE		CustomerPurchaseOrde	CHAR	000020
25		ORDER		Order	DATS	000008
26		DUE		Due	DATS	000008
27		SHIP		Ship	DATS	000008
28		CURRENCY		Currency	CUKY	000005

Reseller Sales Fact (TD_RS) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Integr
=	MD PROD	1		MD PROD		Product MD	NUMC	000004	☐
=	MD RS	2		MD RS		Reseller MD	NUMC	000004	☐
=	MD EMP	3		MD EMP		Employee	NUMC	000004	☐
=	MD PROM	4		MD PROM		Promotion MD	NUMC	000003	☐
=	MD S TY	5		MD S TY		Sales Territory MD	NUMC	000003	☐
=	MD CPON	6		MD CPON		Customer Purchase Order Number	CHAR	000020	
=	MD CURR	8		MD CURR		Currency MD	NUMC	000003	
=	MD SON	9		MD SON		Sales Order Number	CHAR	000007	
=	MD SOLN	10		MD SOLN		Sales Order Line Number	NUMC	000002	
=	MD FRG	11		MD FRG		Freight Number	CHAR	000008	
=	MD REVNUM	12		MD REVNUM		Revision Number	NUMC	000001	
=	MD CTN	13		MD CTN		Carrier Tracking Number	CHAR	000012	
=	MD ORD	14		MD ORD		Order Date	DATS	000008	
=	MD DD	15		MD DD		Due Date	DATS	000008	
=	MD SHD	16		MD SHD		Ship Date	DATS	000008	
=	MD OO	17		MD OO		Order Quantity	QUAN	000017	
=	MD UNPR	18		MD UNPR		Unit Price	CURR	000017	
=	MD CURRN	19		MD CURRN		Currency Unit	CUKY	000005	☐
=	MD EXAM	20		MD EXAM		Gross Sales Revenue (GSR)	CURR	000017	
=	MD DISPER	21		MD DISPER		Discount Percentage	FLTP	000016	
=	MD DA	22		MD DA		Discount Amount	CURR	000017	
=	MD PRST	23		MD PRST		Product Standard Cost	CURR	000017	
=	MD TPC	24		MD TPC		Cost of Goods Sold (COGS)	CURR	000017	
=	MD SA	25		MD SA		Net Sales Revenue (NSR)	CURR	000017	
=	MD TA	26		MD TA		Tax Amount	CURR	000017	

Transformations from Datasource to Infoobject

From DS to Customer MD (MD_CUS) – Attributes

Transformation	RSDS DS_CUS_MD XTK_FF -> IOBJ MD_CUS	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Customer Attr (DS_CUS_MD)		
Target	Customer MD (MD_CUS)		
Version	Active		
Active Version	Executable	Edited Version	

DS for Customer Attr (DS_CUS_MD)

Posi	Key	Field	Ico	Descript.	Data t	Lngth
1		CUSTOMER		CUSTOMER	NUMC	000005
2		GEOGRAPHYKEY		GEOGRAPHY KEY	INT2	000005
3		CUSTOMERALTKEY		CUSTOMER ALT KEY	CHAR	000010
4		DATEOFBIRTH		DATE OF BIRTH	DATS	000008
5		MARTIALSTATUS		MARTIAL STATUS	CHAR	000001
6		GENDER		GENDER	CHAR	000001
7		EMAIL		E-MAIL	CHAR	000040
8		YEARLYINCOME		YEARLY INCOME	DEC	000010
9		EDUCATION		EDUCATION	CHAR	000020
10		OCCUPATION		OCCUPATION	CHAR	000015
11		HOMEOWNERFLAG		HOME OWNER FLAG	INT4	000010
12		NUMBEROFCARS		NUMBER OF CARS	INT1	000003
13		ADDRESS		ADDRESS	CHAR	000040
14		PHONENUMBER		PHONE NUMBER	CHAR	000019

Customer MD (MD_CUS) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_CUS	1		MD_CUS		Customer MD	NUMC	000005	☐
=	MD_C_ALT	2		MD_C_ALT		Customer Alt. Key	CHAR	000010	
=	MD_EM_BD	3		MD_EM_BD		Birth Date	DATS	000008	
=	MD_CU_MS	4		MD_CU_MS		Customer Marital Status	CHAR	000001	
=	MD_EM_GN	5		MD_EM_GN		Gender	CHAR	000001	
=	MD_EM_EM	6		MD_EM_EM		Email	CHAR	000040	
=	MD_CU_YI	7		MD_CU_YI		Customer Yearly Income	DEC	000017	
=	MD_CU_ED	8		MD_CU_ED		Customer Education	CHAR	000020	
=	MD_CU_OC	9		MD_CU_OC		Customer Occupation	CHAR	000015	
=	MD_CU_HO	10		MD_CU_HO		Customer House Owner Flag	NUMC	000005	
=	MD_CU_NC	11		MD_CU_NC		Customer Number of Cars	INT4	000010	
=	MD_AD	12		MD_AD		Address	CHAR	000040	
=	MD_PH	13		MD_PH		Phone Number	CHAR	000019	

From DS to Customer MD (MD_CUS) – Texts

Transformation		RSDS DS_CUS_TXT XTK_FF -> IOBJ MD_CUS			Runtime Status		ABAP and HANA runtime are supported							
Source		DS for Customer Text (DS_CUS_TXT)												
Target		Customer MD (MD_CUS)												
Version		Active												
Active Version		Executable		Edited Version										

DS for Customer Text (DS_CUS_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1		CUSTOMER		CUSTOMER	NUMC	000005
2		FIRSTNAME		FIRST NAME	CHAR	000010
3		MIDDLENAME		MIDDLE NAME	CHAR	000003
4		LASTNAME		LAST NAME	CHAR	000010

Customer MD (MD_CUS) Rule Group: Standard Group

Rul	Rule Nam	Pos	Key	InfoObje	Ico	Descript.	Data t	Lngth	Int
=	MD_CUS	1		MD_CUS		Customer MD	NUMC	000005	
	Fullname	2		0TXTLG		Long description	CHAR	000060	

From DS to Department Group (MD_DP_GR) – Attributes

Transformation		RSDS DS_DP_GR_MD XTK_FF -> IOBJ MD_DP_GR			Runtime Status		ABAP and HANA runtime are supported							
Source		DS for Department Group Attr (DS_DP_GR_MD)												
Target		Department Group (MD_DP_GR)												
Version		Active												
Active Version		Executable		Edited Version										

DS for Department Group Attr (DS_DP_GR_MD)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1		DEPTKEY		DeptKey	NUMC	000002
2		DEPTGROUPPARENTK		DeptGroupParentKey	NUMC	000002

Department Group (MD_DP_GR) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_DP_GR	1		MD_DP_GR		Department Group	NUMC	000002	
=	MD_DGR_P	2		MD_DGR_P		Department Group Parent	NUMC	000002	

From DS to Department Group (MD_DP_GR) – Texts

Transformation		RSDS DS_DP_GR_TXT XTK_FF -> IOBJ MD_DP_GR			Runtime Status		ABAP and HANA runtime are supported							
Source		DS for Department Group Text (DS_DP_GR_TXT)												
Target		Department Group (MD_DP_GR)												
Version		Active												
Active Version		Executable		Edited Version										

DS for Department Group Text (DS_DP_GR_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1		DEPTKEY		DeptKey	NUMC	000002
2		DEPTDESC		DeptDesc	CHAR	000040

Department Group (MD_DP_GR) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_DP_GR	1		MD_DP_GR		Department Group	NUMC	000002	
=	0TXTMD	2		0TXTMD		Medium description	CHAR	000040	

From DS to Employee (MD_EMP) – Attributes

Transformation	RSDS DS_EMP_MD XTK_FF -> IOBJ MD_EMP	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Employee Attr (DS_EMP_MD)		
Target	Employee (MD_EMP)		
Version	Active		
Active Version	Executable	Edited Version	

DS for Employee Attr (DS_EMP_MD)

Posi	Key	Field	Ico	Descript.	Data t	Lngth
1		EMPKEY		EmpKey	NUMC	000004
2		EMPPARENTKEY		EmpParentKey	NUMC	000004
3		EMPSSN		EmpSSN	NUMC	000009
4		EMPPOSITION		EmpPosition	CHAR	000045
5		EMPDATESTART		EmpDateStart	DATS	000008
6		EMPBIRTHDATE		EmpBirthDate	DATS	000008
7		EMPEMAIL		EmpEmail	CHAR	000040
8		EMPPHONE		EmpPhone	CHAR	000019
9		EMPGENDER		EmpGender	CHAR	000001
10		DEPARTFK		DepartFK	NUMC	000002

Employee (MD_EMP) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_EMP	1		MD_EMP		Employee	NUMC	000004	
=	MD_EMP_P	2		MD_EMP_P		Employee Parent	NUMC	000004	
=	MD_EM_SN	3		MD_EM_SN		Employee SSN	NUMC	000009	
=	MD_EM_PS	4		MD_EM_PS		Employee Position	CHAR	000045	
=	MD_EM_SD	5		MD_EM_SD		Employee Start Date	DATS	000008	
=	MD_EM_BD	6		MD_EM_BD		Birth Date	DATS	000008	
=	MD_EM_EM	7		MD_EM_EM		Email	CHAR	000040	
=	MD_PH	8		MD_PH		Phone Number	CHAR	000019	
=	MD_EM_GN	9		MD_EM_GN		Gender	CHAR	000001	
=	MD_DP_GR	10		MD_DP_GR		Department Group	NUMC	000002	

From DS to Employee (MD_EMP) – Texts

Transformation	RSDS DS_EMP_TXT XTK_FF -> IOBJ MD_EMP	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Employee Text (DS_EMP_TXT)		
Target	Employee (MD_EMP)		
Version	Active		
Active Version	Executable	Edited Version	

DS for Employee Text (DS_EMP_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1		EMPKEY		EmpKey	NUMC	000004
2		EMPNAME		EmpName	CHAR	000024

Employee (MD_EMP) Rule Group: Standard Group

Rul	Rule Nam	Pos	Key	InfoObje	Ico	Descript.	Data t	Lngth	Int
=	MD_EMP	1		MD_EMP		Employee	NUMC	000004	
=	0TXTMD	2		0TXTMD		Medium description	CHAR	000040	

From DS to Product Category (MD_PR_CG) – Texts

Transformation	RSDS DS_PR_CG_TXT XTK_FF -> IOBJ MD_PR_CG	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Product Category Text (DS_PR_CG_TXT)		
Target	Product Category (MD_PR_CG)		
Version	Active		
Active Version	Executable	Edited Version	

DS for Product Category Text (DS_PR_CG_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Length
1		PRCATKEY		PrCatKey	NUMC	000003
2		PRCATTXT		PrCatTxt	CHAR	000020

Product Category (MD_PR_CG) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	In
=	MD_PR_CG	1		MD_PR_CG		Product Category	NUMC	000003	
=	0TXTSH	2		0TXTSH		Short description	CHAR	000020	

From DS to Product MD (MD_PROD) – Attributes

Transformation	RSDS DS_PROD_MD XTK_FF -> IOBJ MD_PROD	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Product Attr (DS_PROD_MD)		
Target	Product MD (MD_PROD)		
Version	Active		
Active Version	Executable	Edited Version	

DS for Product Attr (DS_PROD_MD)

Posi	Key	Field	Ico	Descript.	Data t	Lngth
1		PRODUCTID		ProductID	NUMC	000004
2		NATURALKEY		NaturalKey	CHAR	000015
3		SUBCATFK		SubCatFK	NUMC	000003
4		WEIGHTUNITMEASUR		WeightUnitMeasureCod	UNIT	000003
5		SIZEUNITMEASUREC		SizeUnitMeasureCode	UNIT	000003
6		STANDARDCOST		StandardCost	DEC	000010
7		FINISHEDGOODFLAG		FinishedGoodFlag	CHAR	000005
8		COLOR		Color	CHAR	000012
9		SAFETYSTOCKLEVEL		SafetyStockLevel	INT4	000010
10		REORDERPOINT		ReorderPoint	INT4	000010
11		UNITPRICE		UnitPrice	DEC	000010
12		SIZE		Size	CHAR	000003
13		SIZERANGE		SizeRange	CHAR	000012
14		WEIGHT		Weight	FLTP	000016

Product MD (MD_PROD) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_PROD	1		MD_PROD		Product MD	NUMC	000004	
=	MD_PR_NK	2		MD_PR_NK		Product Natural Key	CHAR	000015	
=	MD_PR_SC	3		MD_PR_SC		Product Subcategory	NUMC	000003	
=	MD_PR_FG	4		MD_PR_FG		Product Finished Good Flag	CHAR	000005	
=	MD_PR_CL	5		MD_PR_CL		Product Color	CHAR	000012	
=	MD_PR_SS	6		MD_PR_SS		Product Safety Stock Level	INT4	000010	
=	MD_PR_RP	7		MD_PR_RP		Product Reorder Point	INT4	000010	
=	MD_PR_UP	8		MD_PR_UP		Product Unit Price	DEC	000017	
=	MD_PR_SZ	9		MD_PR_SZ		Product Size	CHAR	000003	
=	MD_PR_SR	10		MD_PR_SR		Product Size Range	CHAR	000012	
=	MD_PR_WG	11		MD_PR_WG		Product Weight	FLTP	000016	
=	MD_QUAN	12		MD_QUAN		Quantity Unit	UNIT	000003	
✕	MD_PR_CG	13		MD_PR_CG		Product Category	NUMC	000003	
=	MD_PRST	14		MD_PRST		Product Standard Cost	CURR	000017	
✕	MD_CURRN	15		MD_CURRN		Currency Unit	CUKY	000005	

From DS to Product MD (MD_PROD) – Texts

Transformation	RSDS DS_PROD_TXT XTK_FF -> IOBJ MD_PROD	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Product Text (DS_PROD_TXT)		
Target	Product MD (MD_PROD)		
Version	Active		
Active Version	Executable	Edited Version	

DS for Product Text (DS_PROD_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1		PRODUCTID		ProductID	NUMC	000004
2		BIKEDESC_TEXT		BikeDesc_Text	CHAR	000040

Product MD (MD_PROD) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_PROD	1		MD_PROD		Product MD	NUMC	000004	
=	0TXTMD	2		0TXTMD		Medium description	CHAR	000040	

From DS to Product Subcategory (MD_PR_SC) – Attributes

Transformation	RSDS DS_PR_SC_MD XTK_FF -> IOBJ MD_PR_SC	Runtime Status	ABAP and HANA runtime are supported
Source	DS for Product Subcategory Attr (DS_PR_SC_MD)		
Target	Product Subcategory (MD_PR_SC)		
Version	Active		
Active Version	Executable	Edited Version	

DS for Product Subcategory Attr (DS_PR_SC_MD)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1		PRSCATKEY		PRSCATKEY	NUMC	000003
2		PRCATFKEY		PRCATFKEY	NUMC	000003

Product Subcategory (MD_PR_SC) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_PR_SC	1		MD_PR_SC		Product Subcategory	NUMC	000003	
=	MD_PR_CG	2		MD_PR_CG		Product Category	NUMC	000003	

From DS to Product Subcategory (MD_PR_SC) – Texts

Transformation	RSDS DS_PR_SC_TXT XTK_FF -> IOBJ MD_PR_SC	Runtime Status	ABAP and HANA runtime are supported		
Source	DS for Product Subcategory Text (DS_PR_SC_TXT)				
Target	Product Subcategory (MD_PR_SC)				
Version	Active				
Active Version	Executable	Edited Version			

DS for Product Subcategory Text (DS_PR_SC_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1	🔑	PRSCATKEY		PRSCATKEY	NUMC	000003
2		PRSCATTXT		PRSCATTXT	CHAR	000020

Product Subcategory (MD_PR_SC) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_PR_SC	1	🔑	MD_PR_SC		Product Subcategory	NUMC	000003	☐
=	0TXTSH	2		0TXTSH		Short description	CHAR	000020	

From DS to Promotion MD (MD_PROM) – Attributes

Transformation	RSDS DS_PROM_MD XTK_FF -> IOBJ MD_PROM	Runtime Status	ABAP and HANA runtime are supported		
Source	DS for Promotion Attr (DS_PROM_MD)				
Target	Promotion MD (MD_PROM)				
Version	Active				
Active Version	Executable	Edited Version			

DS for Promotion Attr (DS_PROM_MD)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1	🔑	PROMOKEY		PromoKey	NUMC	000003
2		PROMOVALUE		PromoValue	DEC	000003
3		PROMOTYPE		PromoType	CHAR	000030
4		PROMOADDR		PromoAddr	CHAR	000020
5		PROMOVALIDFROM		PromoValidFrom	DATS	000008
6		PROMOVALIDTO		PromoValidTo	DATS	000008

Promotion MD (MD_PROM) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_PROM	1	🔑	MD_PROM		Promotion MD	NUMC	000003	☐
=	0DATETO	2	🔑	0DATETO		Valid To	DATS	000008	
=	0DATEFROM	3		0DATEFROM		Valid From	DATS	000008	
=	MD_PR_V	4		MD_PR_V		Promotion Value	DEC	000017	
=	MD_PR_T	5		MD_PR_T		Promotion Type	CHAR	000030	
=	MD_PR_A	6		MD_PR_A		Promotion Address	CHAR	000020	

From DS to Promotion MD (MD_PROM) – Texts

Transformation	RSDS DS_PROM_TXT XTK_FF -> IOBJ MD_PROM	Runtime Status	ABAP and HANA runtime are supported		
Source	DS for Promotion Text (DS_PROM_TXT)				
Target	Promotion MD (MD_PROM)				
Version	Active				
Active Version	Executable	Edited Version			

DS for Promotion Text (DS_PROM_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1	🔑	PROMOKEY		PromoKey	NUMC	000003
2		PROMODESC		PromoDesc	CHAR	000040
3		PROMOVALIDFROM		PromoValidFrom	DATS	000008
4		PROMOVALIDTO		PromoValidTo	DATS	000008

Promotion MD (MD_PROM) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_PROM	1	🔑	MD_PROM		Promotion MD	NUMC	000003	☐
=	0DATETO	2	🔑	0DATETO		Valid To	DATS	000008	
=	0DATEFROM	3		0DATEFROM		Valid From	DATS	000008	
=	0TXTMD	4		0TXTMD		Medium description	CHAR	000040	

From DS to Reseller MD (MD_RS) – Attributes

	Transformation	RSDS DS_RS_MD XTK_FF -> IOBJ MD_RS	Runtime Status	ABAP and HANA runtime are supported	
	Source	DS for Reseller Attr (DS_RS_MD)			
	Target	Reseller MD (MD_RS)			
	Version	Active			
	Active Version	Executable	Edited Version		

DS for Reseller Attr (DS_RS_MD)

Posi	Key	Field	Ico	Descript.	Data t	Lngth
1	🔑	RESELLERKEY		ResellerKey	NUMC	000004
2		NATURALKEY		NaturalKey	CHAR	000010
3		PHONE		Phone	CHAR	000019
4		RESELLERTYPE		ResellerType	CHAR	000020
5		NUMOFEMPLOYEES		NumOfEmployees	INT4	000010
6		ORDERFREQUENCY		OrderFrequency	CHAR	000001
7		FIRSTORDERYEAR		FirstOrderYear	NUMC	000004
8		LASTORDERYEAR		LastOrderYear	NUMC	000004
9		PRODUCTLINE		ProductLine	CHAR	000010
10		RESELLERADDRESS		ResellerAddress	CHAR	000040
11		ANNUALSALES		AnnualSales	INT4	000010
12		BANKNAME		BankName	CHAR	000030
13		MINIMUMPAYMENTTY		MinimumPaymentType*	NUMC	000002
14		MINIMUMPAYMENTAM		MinimumPaymentAmount	INT4	000010
15		ANNUALREVENUE		AnnualRevenue	INT4	000010
16		YEAROPEN		YearOpen	NUMC	000004

Reseller MD (MD_RS) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_RS	1	🔑	MD_RS		Reseller MD	NUMC	000004	☐
=	MD_RS_NK	2		MD_RS_NK		Reseller Natural Key	CHAR	000010	
=	MD_PH	3		MD_PH		Phone Number	CHAR	000019	
=	MD_RS_TP	4		MD_RS_TP		Reseller Type	CHAR	000020	
=	MD_RS_EN	5		MD_RS_EN		Reseller Number of Employees	INT4	000010	
=	MD_RS_OF	6		MD_RS_OF		Reseller Order Frequency	CHAR	000001	
=	MD_RS_FY	7		MD_RS_FY		Reseller First Order Year	NUMC	000004	
=	MD_RS_LY	8		MD_RS_LY		Reseller Last Order Year	NUMC	000004	
=	MD_RS_PL	9		MD_RS_PL		Reseller Product Line	CHAR	000010	
=	MD_AD	10		MD_AD		Address	CHAR	000040	
=	MD_RS_AS	11		MD_RS_AS		Reseller Annual Sales	INT4	000010	
=	MD_RS_BN	12		MD_RS_BN		Reseller Bank Name	CHAR	000030	
=	MD_RS_PT	13		MD_RS_PT		Reseller Min. Payment Type	NUMC	000002	
=	MD_RS_PA	14		MD_RS_PA		Reseller Min. Payment Amount	INT4	000010	
=	MD_RS_AR	15		MD_RS_AR		Reseller Annual Revenue	INT4	000010	
=	MD_RS_YO	16		MD_RS_YO		Reseller Year Open	NUMC	000004	

From DS to Reseller MD (MD_RS) – Texts

	Transformation	RSDS DS_RS_TXT XTK_FF -> IOBJ MD_RS	Runtime Status	ABAP and HANA runtime are supported	
	Source	DS for Reseller Text (DS_RS_TXT)			
	Target	Reseller MD (MD_RS)			
	Version	Active			
	Active Version	Executable	Edited Version		

DS for Reseller Text (DS_RS_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1	🔑	RESELLERKEY		ResellerKey	NUMC	000004
2		RESELLERNAME		ResellerName	CHAR	000060

Reseller MD (MD_RS) Rule Group: Standard Group

Rul	Rule Nar	Pos	Key	InfoObje	Ico	Descript.	Data t	Lngth	Int
=	MD_RS	1	🔑	MD_RS		Reseller MD	NUMC	000004	☐
=	0TXTLG	2		0TXTLG		Long description	CHAR	000060	

From DS to Sales Territory MD (MD_S_TY) – Attributes

Transformation	RSDS DS_S_TY_MD XTK_FF -> IOBJ MD_S_TY
Source	DS for Sales Territory Attr (DS_S_TY_MD)
Target	Sales Territory MD (MD_S_TY)
Version	Active
Active Version	Executable Edited Version

Runtime Status: ABAP and HANA runtime are supported

100,

Rule Group | Rule Group | Rule

DS for Sales Territory Attr (DS_S_TY_MD)

Pos	Key	Field	Ico	Descript	Data t	Lngth
1	🔑	KEY		Key	NUMC	000003
2		COUNTRY		Country	CHAR	000040
3		GROUP		Group	CHAR	000020

Sales Territory MD (MD_S_TY) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_S_TY	1	🔑	MD_S_TY		Sales Territory MD	NUMC	000003	☐
=	MD_CNTR	2		MD_CNTR		Country	CHAR	000040	
=	MD_C_GR	3		MD_C_GR		Country Group	CHAR	000020	

From DS to Sales Territory MD (MD_S_TY) – Texts

Transformation	RSDS DS_S_TY_TXT XTK_FF -> IOBJ MD_S_TY
Source	DS for Sales Territory Text (DS_S_TY_TXT)
Target	Sales Territory MD (MD_S_TY)
Version	Active
Active Version	Executable Edited Version

Runtime Status: ABAP and HANA runtime are supported

100,

Rule Group | Rule Group | Rule

DS for Sales Territory Text (DS_S_TY_TXT)

Pos	Key	Field	Ico	Descrip	Data t	Lngth
1	🔑	KEY		Key	NUMC	000003
2		REGION		Region	CHAR	000040

Sales Territory MD (MD_S_TY) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_S_TY	1	🔑	MD_S_TY		Sales Territory MD	NUMC	000003	☐
=	0TXTMD	2		0TXTMD		Medium description	CHAR	000040	

From DS to Currency MD (MD_CURR) – Texts

Transformation	RSDS DS_CURR_TXT XTK_FF -> IOBJ MD_CURR
Source	DS for Currency Text (DS_CURR_TXT)
Target	Currency MD (MD_CURR)
Version	Active
Active Version	Executable Edited Version

Runtime Status: ABAP and HANA runtime are supported

100,

Rule Group | Rule Group | Rule

DS for Currency Text (DS_CURR_TXT)

Pos	Key	Field	Ico	Descript.	Data t	Lngth
1	🔑	CURRENCYKEY		Currency Key	NUMC	000003
2		CURRENCY		Currency	CHAR	000020
3		CURRENCYDESCRIPTION		Currency Description	CHAR	000040

Currency MD (MD_CURR) Rule Group: Standard Group

Rul	Rule Name	Pos	Key	InfoObject	Ico	Descript.	Data t	Lngth	Int
=	MD_CURR	1	🔑	MD_CURR		Currency MD	NUMC	000003	
=	0TXTSH	2		0TXTSH		Short description	CHAR	000020	
=	0TXTMD	3		0TXTMD		Medium description	CHAR	000040	