PIM Training Program

SQL

Joins

Learning Objective

At the end of the module, the learner should be able to join multiple tables to consolidate the data you need.



Agenda

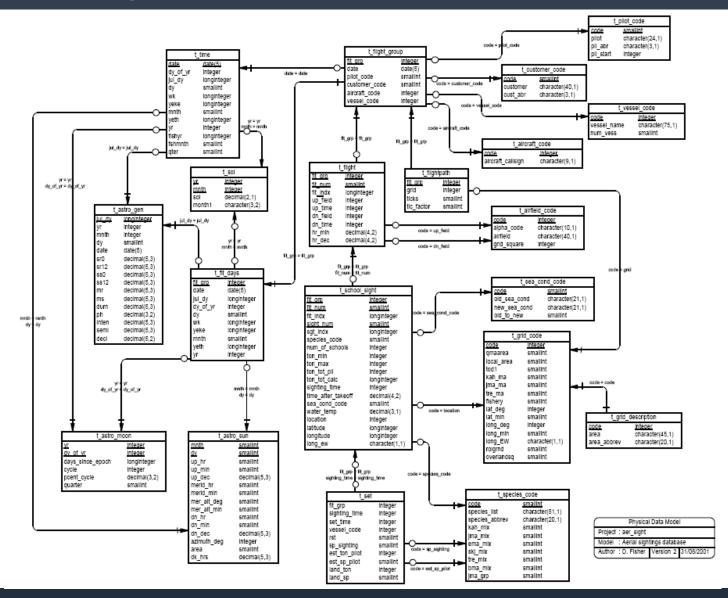
- > Entity relationship
- ➢ Joins Recap
- ➤ Joining Two or More Tables
- > INNER vs. OUTER Joins
- ➤ WHERE Clause Conditions w/ OUTER Joins
- ➤ One-to-Many Joins

Entity Relationship

Entity Relationship

An **entity relationship** diagram (ERD) shows the **relationships** of **entity** sets stored in a database. An **entity** in this context is an object, a component of data. An **entity** set is a collection of similar **entities**. These **entities** can have attributes that define their properties.

Entity Relationship



This is an example of a entity relationship model

Amazon Data Warehouse

BOOKER

1,349 Tables w/ 33,692 Columns

+

~300 Virts/Sandboxes

Supporting hundreds of different functional areas, from customer orders to purchase orders to email campaigns to glance views to Andon cords, etc.

Joins Recap

Lets refresh our knowledge on Joins

- ➤ What is Join
- > Types of Join
- Application of Join

D_MP_ASINS_ESSENTIALS				
REGION_ID [PK:3]	NUMBER(2,0)			
MARKETPLACE_ID [PK:2]	NUMBER(38,0)			
ASIN [PK:1]	CHAR(10)			
BASE_CURRENCY_CODE	VARCHAR2(15)			
CATEGORY_CODE	VARCHAR2(96)			
GL_PRODUCT_GROUP	NUMBER(10,0)			
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)			
ITEM_NAME	VARCHAR2(400)			
MSRP	NUMBER(18,4)			
MSRP_TAX_AMOUNT	NUMBER(18,4)			
PRODUCT_AVAILABLE_DAY	DATE			
PRODUCT_SITE_LAUNCH_DAY	DATE			
PRODUCT_TIER_ID	VARCHAR2(50)			
PUBLICATION_DAY	DATE			
STREET_DAY	DATE			
SUBCATEGORY_CODE	VARCHAR2(96)			
DW_CREATION_DATE	DATE			
DW_LAST_UPDATED	DATE			
IS_DELETED	CHAR(1)			
VERSION	NUMBER(38,0)			

D_MP_ASINS_ESSENTIALS

Contains the most used ASIN attributes, like ITEM_NAME, MSRP, and GL_PRODUCT_GROUP

Primary Key is the unique combination of the following:

- REGION_ID
- MARKETPLACE_ID
- ASIN

Partitioned by:

- REGION_ID
- MARKETPLACE_ID

D_DAILY_ORDERS

Contains aggregated daily sales information for each ASIN, in each Region Marketplace, for each condition, merchant, etc.

Doesn't have item name.

Partitioned by:

- REGION_ID
- ACTIVITY_DAY

D_DAILY_ORDERS	
REGION_ID [Part:1]	NUMBER(2,0)
LEGAL_ENTITY_ID	NUMBER(38,0)
MARKETPLACE_ID	NUMBER(38,0)
ACTIVITY_DAY [Part:2]	DATE
ASIN	CHAR(10)
MERCHANT_CUSTOMER_ID	NUMBER(38,0)
EXCHANGE_ITEM_CONDITION_ID	NUMBER(2,0)
ORDER_TYPE	VARCHAR2(10)
FREE_REP_REASON_CODE	VARCHAR2(80)
ORDER_METHOD	VARCHAR2(1)
IS_NYP	CHAR(1)
COI_GL_PRODUCT_GROUP	NUMBER(4,0)
BASE_CURRENCY_CODE	VARCHAR2(10)
FULFILLMENT_MANAGER_ID	NUMBER(38,0)
OFFERING_SKU	VARCHAR2(40)
ORDERED_UNITS	NUMBER(38,0)
ORDERED_AMT	NUMBER(38,14)
ADJUSTED_UNITS	NUMBER(38,0)
ADJUSTED_AMT	NUMBER(38,14)
SHIPCHRG_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
GIFTWRAP_DISC_AMT	NUMBER(38,14)
GIFTWRAP_DISC_ADJUSTED_AMT	NUMBER(38,14)
GIFTWRAP_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)

D_MP_ASINS_ESSEN	TIALS
REGION_ID [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)
CATEGORY_CODE	VARCHAR2(96)
GL_PRODUCT_GROUP	NUMBER(10,0)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)
ITEM_NAME	VARCHAR2(400)
MSRP	NUMBER(18,4)
MSRP_TAX_AMOUNT	NUMBER(18,4)
PRODUCT_AVAILABLE_DAY	DATE
PRODUCT_SITE_LAUNCH_DAY	DATE
PRODUCT_TIER_ID	VARCHAR2(50)
PUBLICATION_DAY	DATE
STREET_DAY	DATE
SUBCATEGORY_CODE	VARCHAR2(96)
DW_CREATION_DATE	DATE
DW_LAST_UPDATED	DATE
IS_DELETED	CHAR(1)
VERSION	NUMBER(38,0)

D_DAILY_ORDERS	
REGION_ID [Part:1]	NUMBER(2,0)
LEGAL_ENTITY_ID	NUMBER(38,0)
MARKETPLACE_ID	NUMBER(38,0)
ACTIVITY_DAY [Part:2]	DATE
ASIN	CHAR(10)
MERCHANT_CUSTOMER_ID	NUMBER(38,0)
EXCHANGE_ITEM_CONDITION_ID	NUMBER(2,0)
ORDER_TYPE	VARCHAR2(10)
FREE_REP_REASON_CODE	VARCHAR2(80)
ORDER_METHOD	VARCHAR2(1)
IS_NYP	CHAR(1)
COI_GL_PRODUCT_GROUP	NUMBER(4,0)
BASE_CURRENCY_CODE	VARCHAR2(10)
FULFILLMENT_MANAGER_ID	NUMBER(38,0)
OFFERING_SKU	VARCHAR2(40)
ORDERED_UNITS	NUMBER(38,0)
ORDERED_AMT	NUMBER(38,14)
ADJUSTED_UNITS	NUMBER(38,0)
ADJUSTED_AMT	NUMBER(38,14)
SHIPCHRG_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
GIFTWRAP_DISC_AMT	NUMBER(38,14)
GIFTWRAP_DISC_ADJUSTED_AMT	NUMBER(38,14)
GIFTWRAP_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)

D_MP_ASINS_ESSENTIALS				
REGION_ID [PK:3]	NUMBER(2,0)			
MARKETPLACE_ID [PK:2]	NUMBER(38,0)			
ASIN [PK:1]	CHAR(10)			
BASE_CURRENCY_CODE	VARCHAR2(15)			
CATEGORY_CODE	VARCHAR2(96)			
GL_PRODUCT_GROUP	NUMBER(10,0)			
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)			
ITEM_NAME	VARCHAR2(400)			
MSRP	NUMBER(18,4)			
MSRP_TAX_AMOUNT	NUMBER(18,4)			
PRODUCT_AVAILABLE_DAY	DATE			
PRODUCT_SITE_LAUNCH_DAY	DATE			
PRODUCT_TIER_ID	VARCHAR2(50)			
PUBLICATION_DAY	DATE			
STREET_DAY	DATE			
SUBCATEGORY_CODE	VARCHAR2(96)			
DW_CREATION_DATE	DATE			
DW_LAST_UPDATED	DATE			
IS_DELETED	CHAR(1)			
VERSION	NUMBER(38,0)			

D_DAILY_ORDERS					
REGION_ID [Part:1]	NUMBER(2,0)				
LEGAL_ENTITY_ID	NUMBER(38,0)				
MARKETPLACE_ID	NUMBER(38,0)				
ACTIVITY_DAY [Part:2]	DATE				
ASIN	CHAR(10)				
MERCHANT_CUSTOMER_ID	NUMBER(38,0)				
EXCHANGE_ITEM_CONDITION_ID	NUMBER(2,0)				
ORDER_TYPE	VARCHAR2(10)				
FREE_REP_REASON_CODE	VARCHAR2(80)				
ORDER_METHOD	VARCHAR2(1)				
IS_NYP	CHAR(1)				
COI_GL_PRODUCT_GROUP	NUMBER(4,0)				
BASE_CURRENCY_CODE	VARCHAR2(10)				
FULFILLMENT_MANAGER_ID	NUMBER(38,0)				
OFFERING_SKU	VARCHAR2(40)				
ORDERED_UNITS	NUMBER(38,0)				
ORDERED_AMT	NUMBER(38,14)				
ADJUSTED_UNITS	NUMBER(38,0)				
ADJUSTED_AMT	NUMBER(38,14)				
SHIPCHRG_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)				
GIFTWRAP_DISC_AMT	NUMBER(38,14)				
GIFTWRAP_DISC_ADJUSTED_AMT	NUMBER(38,14)				
GIFTWRAP_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)				

D_MP_ASINS_ESSENTIALS				
REGION_ID [PK:3]	NUMBER(2,0)			
MARKETPLACE_ID [PK:2]	NUMBER(38,0)			
ASIN [PK:1]	CHAR(10)			
BASE_CURRENCY_CODE	VARCHAR2(15)			
CATEGORY_CODE	VARCHAR2(96)			
GL_PRODUCT_GROUP	NUMBER(10,0)			
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)			
ITEM_NAME	VARCHAR2(400)			
MSRP	NUMBER(18,4)			
MSRP_TAX_AMOUNT	NUMBER(18,4)			
PRODUCT_AVAILABLE_DAY	DATE			
PRODUCT_SITE_LAUNCH_DAY	DATE			
PRODUCT_TIER_ID	VARCHAR2(50)			
PUBLICATION_DAY	DATE			
STREET_DAY	DATE			
SUBCATEGORY_CODE	VARCHAR2(96)			
DW_CREATION_DATE	DATE			
DW_LAST_UPDATED	DATE			
IS_DELETED	CHAR(1)			
VERSION	NUMBER(38,0)			

	D_DAILY_ORDERS	
	REGION_ID [Part:1]	NUMBER(2,0)
	LEGAL_ENTITY_ID	NUMBER(38,0)
_	MARKETPLACE_ID	NUMBER(38,0)
	ACTIVITY_DAY [Part:2]	DATE
	ASIN	CHAR(10)
	MERCHANT_CUSTOMER_ID	NUMBER(38,0)
	EXCHANGE_ITEM_CONDITION_ID	NUMBER(2,0)
	ORDER_TYPE	VARCHAR2(10)
	FREE_REP_REASON_CODE	VARCHAR2(80)
	ORDER_METHOD	VARCHAR2(1)
	IS_NYP	CHAR(1)
	COI_GL_PRODUCT_GROUP	NUMBER(4,0)
	BASE_CURRENCY_CODE	VARCHAR2(10)
	FULFILLMENT_MANAGER_ID	NUMBER(38,0)
	OFFERING_SKU	VARCHAR2(40)
	ORDERED_UNITS	NUMBER(38,0)
	ORDERED_AMT	NUMBER(38,14)
	ADJUSTED_UNITS	NUMBER(38,0)
	ADJUSTED_AMT	NUMBER(38,14)
	SHIPCHRG_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
	GIFTWRAP_DISC_AMT	NUMBER(38,14)
	GIFTWRAP_DISC_ADJUSTED_AMT	NUMBER(38,14)
	GIFTWRAP_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)

D_MP_ASINS_ESSENTIALS				
REGION_ID [PK:3]	NUMBER(2,0)			
MARKETPLACE_ID [PK:2]	NUMBER(38,0)			
ASIN [PK:1]	CHAR(10)			
BASE_CURRENCY_CODE	VARCHAR2(15)			
CATEGORY_CODE	VARCHAR2(96)			
GL_PRODUCT_GROUP	NUMBER(10,0)			
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)			
ITEM_NAME	VARCHAR2(400)			
MSRP	NUMBER(18,4)			
MSRP_TAX_AMOUNT	NUMBER(18,4)			
PRODUCT_AVAILABLE_DAY	DATE			
PRODUCT_SITE_LAUNCH_DAY	DATE			
PRODUCT_TIER_ID	VARCHAR2(50)			
PUBLICATION_DAY	DATE			
STREET_DAY	DATE			
SUBCATEGORY_CODE	VARCHAR2(96)			
DW_CREATION_DATE	DATE			
DW_LAST_UPDATED	DATE			
IS_DELETED	CHAR(1)			
VERSION	NUMBER(38,0)			

D_DAILY_ORDERS					
	REGION_ID [Part:1]	NUMBER(2,0)			
	LEGAL_ENTITY_ID	NUMBER(38,0)			
_	MARKETPLACE_ID	NUMBER(38,0)			
	ACTIVITY_DAY [Part:2]	DATE			
_	ASIN	CHAR(10)			
	MERCHANT_CUSTOMER_ID	NUMBER(38,0)			
	EXCHANGE_ITEM_CONDITION_ID	NUMBER(2,0)			
	ORDER_TYPE	VARCHAR2(10)			
	FREE_REP_REASON_CODE	VARCHAR2(80)			
	ORDER_METHOD	VARCHAR2(1)			
	IS_NYP	CHAR(1)			
	COI_GL_PRODUCT_GROUP	NUMBER(4,0)			
	BASE_CURRENCY_CODE	VARCHAR2(10)			
	FULFILLMENT_MANAGER_ID	NUMBER(38,0)			
	OFFERING_SKU	VARCHAR2(40)			
	ORDERED_UNITS	NUMBER(38,0)			
	ORDERED_AMT	NUMBER(38,14)			
	ADJUSTED_UNITS	NUMBER(38,0)			
	ADJUSTED_AMT	NUMBER(38,14)			
	SHIPCHRG_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)			
	GIFTWRAP_DISC_AMT	NUMBER(38,14)			
	GIFTWRAP_DISC_ADJUSTED_AMT	NUMBER(38,14)			
	GIFTWRAP_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)			

D_MP_ASINS_ESSE	NTIALS			D_DAILY_ORDERS	
REGION_ID [PK:3]	NUMBER(2,0)		REGION_	ID [Part:1]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		LEGAL_E	NTITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)		MARKETE	PLACE_ID	NUMBER(38,0)
BASE CURRENCY CODE	VARCHAR2(15)		ACTIVITY_	_DAY [Part:2]	DATE
CATEGORY_CODE	VARCHAR2(96)		ASIN		CHAR(10)
-				NT_CUSTOMER_ID	NUMBER(38,0)
GL_PRODUCT_GROUP	NUMBER(10,0)		EXCHANG	SE_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT_CROUP_DESC	(7XB) BXB J747IN			PE PE	VARCHAR2(10)
ITEM_NAMI				_REASON_CODE	VARCHAR2(80)
MSRP Which U	JS Book A	SINs, if any,	sold	ETHOD	VARCHAR2(1)
MSRP TAX		· · · · · · · · · · · · · · · · · · ·			CHAR(1)
PRODUCT_# greater t	han or eq	ual to 1000	units	RODUCT_GROUP	NUMBER(4,0)
PRODUCT S				RENCY_CODE	VARCHAR2(10)
PRODUCT_T	yester	'day !		ENT_MANAGER_ID	NUMBER(38,0)
PUBLICATION_DAY	DATE			_SKU	VARCHAR2(40)
STREET_DAY	DATE		ORDERED	_UNITS	NUMBER(38,0)
			ORDERED	_AMT	NUMBER(38,14)
SUBCATEGORY_CODE	VARCHAR2(96)		ADJUSTEI	D_UNITS	NUMBER(38,0)
DW_CREATION_DATE	DATE		ADJUSTE	D_AMT	NUMBER(38,14)
DW_LAST_UPDATED	DATE				
IS_DELETED	CHAR(1)				
VERSION	NUMBER(38,0)		SHIPCHRO	G_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
			GIFTWRA	P_DISC_AMT	NUMBER(38,14)
			GIFTWRA	P_DISC_ADJUSTED_AMT	NUMBER(38,14)
			GIFTWRA	P_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)

D_MP_ASINS_ES	SENTIALS	D_DAILY_ORDERS	
REGION_ID [PK:3]	NUMBER(2,0)	REGION_ID [Part:1]	NUMBER(2,0)
MARKETPLACE ID [PK:2]	NUMBER(38,0)	LEGAL_ENTITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)	MARKETPLACE_ID	NUMBER(38,0)
BASE_CURRENCY_CODE	VARCHAR2(15)	ACTIVITY_DAY [Part:2]	DATE
CATEGORY CODE	VARCHAR2(96)	ASIN	CHAR(10)
GL PRODUCT GROUP	NUMBER(10.0)	MERCHANT_CUSTOMER_ID	NUMBER(38,0)
GL PRODUCT SELECT		ITEM_CONDITION_ID	NUMBER(2,0)
		E	VARCHAR2(10)
ITEM_NAME		EASON_CODE	VARCHAR2(80)
MSRP		THOD	VARCHAR2(1)
MSRP_TAX_A			CHAR(1)
PRODUCT_A\ FROM)DUCT_GROUP	NUMBER(4,0)
PRODUCT_SI		ENCY_CODE	VARCHAR2(10)
PRODUCT_TII		T_MANAGER_ID	NUMBER(38,0)
PUBLICATION		KU 	VARCHAR2(40)
STREET_DAY		NITS	NUMBER(38,0)
SUBCATEGOR		.MT	NUMBER(38,14)
DW CREATIC		JNITS	NUMBER(38,0)
DW_LAST_UF		AMT	NUMBER(38,14)
IS_DELETED		NISC CANAFRANCANIC ANAT	NU IN ADED/20 4.4\
VERSION		DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
		DISC_AMT	NUMBER(38,14)
		DISC_ADJUSTED_AMT	NUMBER(38,14)
		DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
l ;			
<i>'</i>			

D_MP_ASINS_ESS	ENTIALS	D_DAILY_ORDERS	
REGION ID [PK:3]	NUMBER(2,0)	REGION_ID [Part:1]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	LEGAL_ENTITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)	MARKETPLACE_ID	NUMBER(38,0)
BASE CURRENCY CODE	VARCHAR2(15)	ACTIVITY_DAY [Part:2]	DATE
CATEGORY_CODE	VARCHAR2(96)	ASIN	CHAR(10)
GL PRODUCT GROUP	NUMBER(10,0)	MERCHANT_CUSTOMER_ID	NUMBER(38,0)
	NOIVIBER(10,0)	EXCHANGE_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT_CROUP DESC		PE	VARCHAR2(10)
ITEIVI_IVAIVI		_REASON_CODE	VARCHAR2(80)
MSRP		ETHOD	VARCHAR2(1)
MSRP_TAX_			CHAR(1)
PRODUCT_A	ASINS_ESSENTIALS	RODUCT_GROUP	NUMBER(4,0)
PRODUCT_S	ASINS_ESSENTIALS		VARCHAR2(10)
PRODUCT_1		NT_MANAGER_ID	NUMBER(38,0)
PUBLICATIO		_SKU	VARCHAR2(40)
STREET_DA		UNITS	NUMBER(38,0)
CLIDCATECO		AMT	NUMBER(38,14)
DW_CREAT		_UNITS	NUMBER(38,0)
DW_LAST_U		_AMT	NUMBER(38,14)
IS_DELETED		DISC CANAEDAYCANIC ANAT	NULLNADED/20 4 4)
VERSION		_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
		_DISC_AMT	NUMBER(38,14)
		_DISC_ADJUSTED_AMT	NUMBER(38,14)
		_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
;			

REGION_ID [PK:3] NUMBER(2,0) REGION_ID [Part:1] NUMBER	3(2.0)
	(2,0)
MARKETPLACE ID [PK:2] NUMBER(38,0) LEGAL_ENTITY_ID NUMBER	R(38,0)
ASIN [PK:1] CHAR(10) NUMBER	R(38,0)
BASE CURRENCY CODE VARCHAR2(15) ACTIVITY_DAY [Part:2] DATE	
CATEGORY_CODE VARCHAR2(96) ASIN CHAR(10))
CL PRODUCT CROUP NUMBER(10 NUMBER	
EXCHANGE_ITEM_CONDITION_ID NOWIBER	R(2,0)
GL_PRODUC PE VARCHA	, ,
_REASON_CODE VARCHA	, ,
MSRP VARCHA	
MSRP_TAX_	
PRODUCT_A FROM D_MP_ASINS_ESSENTIALS dma RODUCT_GROUP NUMBER RENCY_CODE VARCHA	
PRODUCT 1	
PRODUCT_ JOIN D_DAILY_ORDERS ddo NUMBER	
PUBLICATIO VARCHA	
STREET_DAY	
SUBCATECO	
DW CDEAT WHERE	
DW_CREAT DW_LAST L	R(38,14)
IS_DELETED VERSIONDISC_SAMEDAYCANC_AMT NUMBER	2(38 1/1)
DISC_AMT NUMBER	
_DISC_ADJUSTED_AMT NUMBER	
DISC_SAMEDAYCANC_AMT NUMBER	
_blsc_salviebalcaive_aivi Nolvibel	((30,14)
;	

D_MP_ASINS_	ESSENTIALS		D_DAILY_ORDERS	
REGION_ID [PK:3]	NUMBER(2,0)	REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLACE ID [PK:2]	NUMBER(38,0)	LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)	MARKETP	LACE_ID	NUMBER(38,0)
BASE CURRENCY CODE	VARCHAR2(15)		DAY [Part:2]	DATE
CATEGORY_CODE	VARCHAR2(96)	ASIN		CHAR(10)
GL PRODUCT GROUP	NUMBER(10,0)		NT_CUSTOMER_ID	NUMBER(38,0)
	NUIVIBER(10,0)	EXCHANG	E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT_COOLD DE			PE	VARCHAR2(10)
ITEIVI_IVAIVI			_REASON_CODE	VARCHAR2(80)
MSRP			ETHOD	VARCHAR2(1)
MSRP_TAX_				CHAR(1)
PRODUCT_/	D ACINIC ECCENITIALS	dma	RODUCT_GROUP	NUMBER(4,0)
PRODUCT 4	P_ASINS_ESSENTIALS	uiiia	RENCY_CODE	VARCHAR2(10)
PRODUCT -	LY_ORDERS ddo		NT_MANAGER_ID	NUMBER(38,0)
PUBLICATIO ON dma.F	REGION_ID = ddo.REG	ION_ID	_SKU	VARCHAR2(40)
STREET_DA'			UNITS	NUMBER(38,0)
CLIDCATECO			_AMT	NUMBER(38,14)
DW_CREAT			_UNITS	NUMBER(38,0)
			_AMT	NUMBER(38,14)
DW_LAST_U				
IS_DELETED				
VERSION			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
			_DISC_AMT	NUMBER(38,14)
			_DISC_ADJUSTED_AMT	NUMBER(38,14)
			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
;				

D_MP_ASINS_ESSE	INTIALS		D_DAILY_ORDERS	
REGION_ID [PK:3]	NUMBER(2,0)	REGI	ON_ID [Part:1]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	LEGA	L_ENTITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)	MAR	KETPLACE_ID	NUMBER(38,0)
BASE CURRENCY CODE	VARCHAR2(15)		/ITY_DAY [Part:2]	DATE
CATEGORY_CODE	VARCHAR2(96)	ASIN		CHAR(10)
GL PRODUCT GROUP	NUMBER(10,0)		CHANT_CUSTOMER_ID	NUMBER(38,0)
	NUIVIBER(10,0)	EXCH	ANGE_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT_CROUP DESC			PE	VARCHAR2(10)
ITEIVI_IVAIVI			_REASON_CODE	VARCHAR2(80)
MSRP			ETHOD	VARCHAR2(1)
MSRP_TAX_				CHAR(1)
PRODUCT_/	CINIC ECCENITIALS	dma	RODUCT_GROUP	NUMBER(4,0)
PRODUCT 4	SINS_ESSENTIALS	uiiia	RENCY_CODE	VARCHAR2(10)
PRODUCT_ JOIN D_DAILY_O		ON 15	NT_MANAGER_ID	NUMBER(38,0)
DUBUICATIO	ON_ID = ddo.REG	-	_SKU	VARCHAR2(40)
STREET_DA	RKETPLACE_ID = 0	ldo.MARKETPLACE_ID	_UNITS	NUMBER(38,0)
CLIDCATECO			_AMT	NUMBER(38,14)
DW_CREAT			_UNITS	NUMBER(38,0)
			_AMT	NUMBER(38,14)
DW_LAST_U				
IS_DELETED			DISC SAMEDAYCANC AMT	NUMBER(38,14)
VERSION			_DISC_SAINEDATCANC_AINT	NUMBER(38,14)
			_DISC_ADJUSTED_AMT	NUMBER(38,14)
			DISC SAMEDAYCANC AMT	NUMBER(38,14)
			_DISC_SAIVIEDATCANC_AIVIT	NUMBER(30,14)
;				

D_MP_AS	INS_ESSENTIALS		D_DAILY_ORDERS	
REGION_ID [PK:3]	NUMBER(2,0)	REGION_	ID [Part:1]	NUMBER(2,0)
MARKETPLACE ID [PK	::2] NUMBER(38,0)	LEGAL_E	NTITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)	MARKET	PLACE_ID	NUMBER(38,0)
BASE CURRENCY COL		ACTIVITY	_DAY [Part:2]	DATE
CATEGORY CODE	VARCHAR2(96)	ASIN		CHAR(10)
GL PRODUCT GROUP	, ,		NT_CUSTOMER_ID	NUMBER(38,0)
	NUIVIBER(10,0)	EXCHAN	GE_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT_COOLS			PE	VARCHAR2(10)
TILIVI_IVAIVI			_REASON_CODE	VARCHAR2(80)
MSRP			ETHOD	VARCHAR2(1)
MSRP_TAX_				CHAR(1)
PRODUCT_/	NAD ACINIC ECCENITIALS	dma	RODUCT_GROUP	NUMBER(4,0)
PRODUCT M	D_MP_ASINS_ESSENTIALS (uma	RENCY_CODE	VARCHAR2(10)
PRODUCT -	DAILY_ORDERS ddo	011 15	:NT_MANAGER_ID	NUMBER(38,0)
	ma.REGION_ID = ddo.REGI	_	_SKU	VARCHAR2(40)
CTDEET DAT	dma.MARKETPLACE_ID = c	ddo.MARKETPLACE_ID	UNITS	NUMBER(38,0)
SUBCATECO	dma.ASIN = ddo.ASIN		AMT	NUMBER(38,14)
DW_CREAT			_UNITS	NUMBER(38,0)
DW_CREAT			_AMT	NUMBER(38,14)
IS_DELETED			DISC SANAFRAYCANG ANAT	NU IN ADED (20 4.4)
VERSION			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
			_DISC_AMT	NUMBER(38,14)
			_DISC_ADJUSTED_AMT	NUMBER(38,14)
			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
;				

D_MP_ASINS_ESS	ENTIALS			D_DAILY_ORDERS	
REGION_ID [PK:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)		MARKETP	LACE_ID	NUMBER(38,0)
BASE CURRENCY CODE	VARCHAR2(15)			DAY [Part:2]	DATE
CATEGORY CODE	VARCHAR2(96)		ASIN		CHAR(10)
GL PRODUCT GROUP	NUMBER(10,0)			IT_CUSTOMER_ID	NUMBER(38,0)
GL_PRODUCT_GROUP_DESC	VADCHAR2(10,0)		EXCHANG	E_ITEM_CONDITION_ID	NUMBER(2,0)
CELECT				PE	VARCHAR2(10)
ITEIVI_IVAIVI				_REASON_CODE	VARCHAR2(80)
MSRP				ETHOD	VARCHAR2(1)
MSRP_TAX_				L	CHAR(1)
PRODUCT_A	SINS ESSENTIALS	dma		RODUCT_GROUP	NUMBER(4,0)
PRODUCT S JOIN D DAILY (_	ama		RENCY_CODE	VARCHAR2(10)
	ION ID = ddo.REG	_		NT_MANAGER_ID	NUMBER(38,0)
DUBUICATIO	_			SKU	VARCHAR2(40)
CTDEET DAI	_	ddo.MARKETPLACE_ID		UNITS	NUMBER(38,0)
CURCATECO AND ama.AS	IN = ddo.ASIN			AMT	NUMBER(38,14)
DW CDEAT	_			_UNITS	NUMBER(38,0)
DW_CREAT AND dma.MAR	KETPLACE_ID =			_AMT	NUMBER(38,14)
IS DELETED					
VERSION				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
VENSION				_DISC_AMT	NUMBER(38,14)
				 _DISC_ADJUSTED_AMT	NUMBER(38,14)
				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
,					

D_MP_ASINS_ESSI	ENTIALS			D_DAILY_ORDERS	
REGION ID [PK:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)		MARKETP	LACE_ID	NUMBER(38,0)
BASE CURRENCY CODE	VARCHAR2(15)		ACTIVITY_	DAY [Part:2]	DATE
CATEGORY CODE	VARCHAR2(96)		ASIN		CHAR(10)
GL PRODUCT GROUP	NUMBER(10,0)			NT_CUSTOMER_ID	NUMBER(38,0)
	NUIVIBER(10,0)		EXCHANG	E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT_CROUP DESC				PE	VARCHAR2(10)
ITEIVI_IVAIVI				_REASON_CODE	VARCHAR2(80)
MSRP				ETHOD	VARCHAR2(1)
MSRP_TAX_					CHAR(1)
PRODUCT_/	CINIC ECCENTIALS	مامم		RODUCT_GROUP	NUMBER(4,0)
	SINS_ESSENTIALS	ON_ID		RENCY_CODE	VARCHAR2(10)
PRODUCT JOIN D_DAILY_(NT_MANAGER_ID	NUMBER(38,0)
DUBUICATIO	ION_ID = ddo.REG			_SKU	VARCHAR2(40)
STREET DATE AND ama.IVIA	_	ddo.MARKETPLACE_ID		UNITS	NUMBER(38,0)
AND uma.ASI				AMT	NUMBER(38,14)
DIAL CREAT	_			_UNITS	NUMBER(38,0)
AND uma.iviAni	KETPLACE_ID = 1			_AMT	NUMBER(38,14)
DW_LAST_U					
IS_DELETED					
VERSION				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
				_DISC_AMT	NUMBER(38,14)
				_DISC_ADJUSTED_AMT	NUMBER(38,14)
				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
;					
,					

D_MP_ASINS_ESS	ENTIALS			D_DAILY_ORDERS	
REGION_ID [PK:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)		MARKETP	LACE_ID	NUMBER(38,0)
BASE CURRENCY CODE	VARCHAR2(15)		ACTIVITY_	DAY [Part:2]	DATE
CATEGORY CODE	VARCHAR2(96)		ASIN		CHAR(10)
GL PRODUCT GROUP	NUMBER(10,0)			NT_CUSTOMER_ID	NUMBER(38,0)
	NUIVIBER(10,0)		EXCHANG	E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT_COOLD DESC				PE	VARCHAR2(10)
ITEIVI_IVAIVI				_REASON_CODE	VARCHAR2(80)
MSRP				ETHOD	VARCHAR2(1)
MSRP_TAX_					CHAR(1)
PRODUCT_/	CINIC ECCENTIALS	ماسم		RODUCT_GROUP	NUMBER(4,0)
PRODUCT 4	SINS_ESSENTIALS	uma		RENCY_CODE	VARCHAR2(10)
PRODUCT JOIN D_DAILY_(ION_ID ldo.MARKETPLACE_ID		NT_MANAGER_ID	NUMBER(38,0)
DUBUICATIO	ION_ID = ddo.REG			_SKU	VARCHAR2(40)
STREET DA AND dma.MA	_			UNITS	NUMBER(38,0)
SUDCATECO	IN = ddo.ASIN			AMT	NUMBER(38,14)
DIAL CREAT	-			_UNITS	NUMBER(38,0)
DAY LACT I	KETPLACE_ID = 1			_AMT	NUMBER(38,14)
DW_LAST_U AND ddo.REGIC	DN_ID =				
IS_DELETED AND ddo.ACTIV	'ITY_DAY =				
VERSION				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
				_DISC_AMT	NUMBER(38,14)
				_DISC_ADJUSTED_AMT	NUMBER(38,14)
				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
;					
, and the second					

D_	_MP_ASINS_ESSEI	NTIALS			D_DAILY_ORDERS	
REGION_ID [PI	K:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
		NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]	,	CHAR(10)		MARKETP	LACE_ID	NUMBER(38,0)
BASE CURREN	ICY CODE	VARCHAR2(15)		ACTIVITY_	DATE	
CATEGORY CO	_	VARCHAR2(96)		ASIN		CHAR(10)
GL PRODUCT		NUMBER(10,0)			IT_CUSTOMER_ID	NUMBER(38,0)
	_GROUP_DEGG	NUMBER(10,0)		EXCHANG	E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT	SELECT				PE	VARCHAR2(10)
	DELECT				_REASON_CODE	VARCHAR2(80)
MSRP					ETHOD	VARCHAR2(1)
MSRP_TAX_						CHAR(1)
PRODUCT_A		INIC ECCENTIALS	ماسم		RODUCT_GROUP	NUMBER(4,0)
PRODUCT M		INS_ESSENTIALS			RENCY_CODE	VARCHAR2(10)
PRODUCT 1	OIN D_DAILY_O				NT_MANAGER_ID	NUMBER(38,0)
PUBLICATIO		DN_ID = ddo.REG	_		_SKU	VARCHAR2(40)
STREET_DA		RKETPLACE_ID = ddo.MARKETPLACE_ID			UNITS	NUMBER(38,0)
CLIDCATECO	AND dma.ASIN				AMT	NUMBER(38,14)
DIAL CDEAT	WHERE dma.REG	_			_UNITS	NUMBER(38,0)
	AND dma.MARK	_			_AMT	NUMBER(38,14)
	AND ddo.REGIO	N_ID = 1				
	AND ddo.ACTIVI	$TY_DAY = TO_DAT$	ΓΕ <mark>('20110914','ΥΥΥΥΜ</mark> Μ	IDD')		
VERSION					_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
					_DISC_AMT	NUMBER(38,14)
					_DISC_ADJUSTED_AMT	NUMBER(38,14)
					_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
! :						
,						

	_MP_ASINS_ESSEI	NTIALS			D_DAILY_ORDERS	
REGION_ID [I	PK:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLACE ID [PK:2] NUM		NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]	,	CHAR(10)		MARKETP	LACE_ID	NUMBER(38,0)
BASE CURRE	NCY CODE	VARCHAR2(15)		ACTIVITY_	_DAY [Part:2]	DATE
CATEGORY C	_	VARCHAR2(96)		ASIN		CHAR(10)
GL PRODUCT		NUMBER(10,0)			NT_CUSTOMER_ID	NUMBER(38,0)
_	_	NOIVIBER(10,0)		EXCHANG	E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUC	SELECT				PE	VARCHAR2(10)
ITEM_NAM	JEECT				_REASON_CODE	VARCHAR2(80)
MSRP					ETHOD	VARCHAR2(1)
MSRP_TAX_						CHAR(1)
PRODUCT_A	EDOMA D. MAD. A.C.	INC ECCENTIALS	ماسم		RODUCT_GROUP	NUMBER(4,0)
PRODUCT_S		SINS_ESSENTIALS	ION_ID		RENCY_CODE	VARCHAR2(10)
PRODUCT 1	JOIN D_DAILY_O				NT_MANAGER_ID	NUMBER(38,0)
PUBLICATIO		DN_ID = ddo.REG			_SKU	VARCHAR2(40)
STREET_DA		_	KETPLACE_ID = ddo.MARKETPLACE_ID		UNITS	NUMBER(38,0)
SUBCATEGO	AND dma.ASIN				AMT	NUMBER(38,14)
	WHERE dma.REG	_			_UNITS	NUMBER(38,0)
DW_CREAT	AND dma.MARK	_			_AMT	NUMBER(38,14)
DW_LAST_U	AND ddo.REGIO	N_ID = 1				
IS_DELETED	AND ddo.ACTIVI	$TY_DAY = TO_DAT$	ΓΕ <mark>('20110914','ΥΥΥΥΜ</mark> Μ	IDD')		
VERSION	AND ddo.MARKE	ETPLACE_ID = 1			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
					_DISC_AMT	NUMBER(38,14)
					_DISC_ADJUSTED_AMT	NUMBER(38,14)
					_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
	:					
	,					

REGION_ID [PK:3]	D_MP_ASINS_I	ESSENTIALS	D_DAILY_OR	DERS
MARKETPLACE_ID [PK:2] NUMBER(38,0) ASIN [PK:1] CHAR(10) MARKETPLACE_ID NUMBER(38,0) BASE_CURRENCY_CODE VARCHAR2(15) ACTIVITY_DAY [Part:2] DATE CATEGORY_CODE VARCHAR2(96) MERCHANT_CUSTOMER_ID NUMBER(38,0) GL_PRODUCT_GROUP NUMBER(10,0) EXCHANGE_ITEM_CONDITION_ID NUMBER(2,0) GL_PRODUCT_SELECT PECCODE VARCHAR2(10) ITEM_NAM MSRP MSRP_TAX_PRODUCT_SPECCODE VARCHAR2(10) FROM D_MP_ASINS_ESSENTIALS dma AND M_BERGION_ID = ddo.REGION_ID AND dma.REGION_ID = ddo.REGION_ID AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID JOIN D_DAILY_ORDERS ddo ON dma.REGION_ID = ddo.REGION_ID AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID JOIN D_MERGION_ID = 1 AND dma.MARKETPLACE_ID = 1 AND dma.MARKETPLACE_ID = 1 AND dma.MARKETPLACE_ID = 1 AND dma.MARKETPLACE_ID = 1 AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') AND ddo.MARKETPLACE_ID = 1 AND dma.GL_PRODUCT_GROUP = 14 LEGAL_ENTITY_ID NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) ACTIVITY_DAY [Part:2] DATE NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) DISC_AMT NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14)	REGION ID [PK:3]	NUMBER(2,0)	REGION_ID [Part:1]	NUMBER(2,0)
ASIN [PK:1]			LEGAL_ENTITY_ID	NUMBER(38,0)
BASE_CURRENCY_CODE	-		MARKETPLACE_ID	NUMBER(38,0)
CATEGORY_CODE VARCHAR2(96) MERCHANT_CUSTOMER_ID NUMBER(38,0) GL_PRODUCT_GROUP NUMBER(10,0) EXCHANGE_ITEM_CONDITION_ID NUMBER(2,0) GL_PRODUCT_GROUP NUMBER(10,0) EXCHANGE_ITEM_CONDITION_ID NUMBER(2,0) ITEM_NAM MSRP MSRP_TAX_ PRODUCT_PRODUCT_FROM PASINS_ESSENTIALS dma JOIN D_DAILY_ORDERS ddo ON dma.REGION_ID = ddo.REGION_ID STREET_DA SUBCATEGO DW_CREAT DW_LAST_U IS_DELETED VERSION AND dma.MARKETPLACE_ID = 1 AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') AND dma.GL_PRODUCT_GROUP NUMBER(38,14) DISC_AMT NUMBER(38,14) LOIS_SAMEDAYCANC_AMT NUMBER(38,14) DISC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14)		• • • • • • • • • • • • • • • • • • • •	ACTIVITY_DAY [Part:2]	DATE
GL_PRODUCT_GROUP NUMBER(10,0) EXCHANGE_ITEM_CONDITION_ID NUMBER(2,0) GL_PRODUCT_CROUP SELECT VARCHAR2(10) ITEM_NAM MSRP MSRP_TAX PRODUCT_PRODU				· · ·
GL_PRODUCT_CROUP SELECT ITEM_NAM MSRP MSRP MSRP_TAX PRODUCT_A PRODUCT_A PRODUCT_B PRODUCT_GROUP NUMBER(38,0) NT_MANAGER ID NUMBER(38,0) NT_MANAGER ID NUMBER(38,0) NT_MANAGER ID NUMBER(38,0) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14) NUMBER(38,14) NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14) NU	_	` `		, , ,
ITEM_NAM MSRP MSRP_TAX PRODUCT_APRODUCT_SPRODUCT_SPRODUCT_STREET_DASUBCATEGC DW_CREAT DW_LAST_LIS_DELETED VERSION VERSION VERSION SELECT SELECT SELECT REASON_CODE VARCHAR2(80) VARCHAR2(1) VARCHAR2(1) VARCHAR2(1) REASON_CODE VARCHAR2(10) VARCHAR2(1		, , ,	EXCHANGE_ITEM_CONDITION_ID	
MSRP MSRP_TAX PRODUCT_S PUBLICATIC STREET_DA SUBCATEGG DW_CREAT DW_LAST_U IS_DELETED VERSION WHERE dma.REGION_ID = 1 AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') VERSION WARCHAR2(80) VARCHAR2(80) VARCHAR2(10) VARCHAR2(1) RENCY_CODE VARCHAR2(10) NUMBER(38,0) NT_MANAGER_ID NUMBER(38,0) SKU VARCHAR2(10) VARCHAR2(10) VARCHAR2(10) NUMBER(38,0) NUMBER(38,0) AMT NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14)	CELECT			, ,
MSRP_TAX_ PRODUCT_PRODUCT_SPRODUCT_SPRODUCT_SPRODUCT_SPRODUCT_PUBLICATIC STREET_DASUBCATEGC DW_CREAT DW_LAST_LIS_DELETED VERSION VERSION WARCHAR2(ID) CHAR(1) RODUCT_GROUP NUMBER(4,0) RENCY_CODE VARCHAR2(10) NUMBER(38,0) INT_MANAGER_ID NUMBER(38,0) SUBCATEGC DW_ARCHAR2(40) AND dma.ASIN = ddo.ASIN WHERE dma.REGION_ID = 1 AND dma.MARKETPLACE_ID = 1 AND dma.MARKETPLACE_ID = 1 AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') AND dma.GL_PRODUCT_GROUP = 14 CHAR(1) RODUCT_GROUP NUMBER(4,0) RENCY_CODE VARCHAR2(10) NUMBER(38,0) INT_MANAGER_ID NUMBER(38,0) AMT NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14)	ITEIVI_IVAIVI			` '
PRODUCT_S PUBLICATIC STREET_DA SUBCATEGG DW_CREAT DW_LAST_S IS_DELETED VERSION PRODUCT_S PROM D_MP_ASINS_ESSENTIALS dma REGION_ID = ddo.REGION_ID SKU VARCHAR2(40) VARCHAR			ETHOD	, ,
PRODUCT_S PRODUCT_S PRODUCT_T PUBLICATIC STREET_DA SUBCATEGC DW_CREAT DW_LAST_L IS_DELETED VERSION PRODUCT_S PRODUCT_T PUBLICATIC STREET_DA AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID DW_CREAT DW_LAST_L IS_DELETED VERSION PRODUCT_S PROM D_MP_ASINS_ESSENTIALS dma RENCY_CODE VARCHAR2(10) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) AND MARKETPLACE_ID = ddo.MARKETPLACE_ID UNITS NUMBER(38,14) AMT NUMBER(38,14) AMT NUMBER(38,14) AMT NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14)	MSRP_TAX_			, ,
PRODUCT_PRODUCT_PRODUCT_PUBLICATIC STREET_DASUBCATEGC DW_CREAT DW_LAST_LIS_DELETED VERSION VERSION PRODUCT_PUBLICATIC STREET_DASUBCATEGC DW_CREAT DW_LAST_LIS_DELETED VERSION VERSION PRODUCT_PUBLICATIC ON dma.REGION_ID = ddo.REGION_ID AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID AND dma.MARKETPLACE_ID = 1 AND dma.MARKETPLACE_ID = 1 AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') AND dma.GL_PRODUCT_GROUP = 14 NUMBER(38,14) NUMBER(38,14) INT_MANAGER_ID NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,14) NUMBER(38,14) INT_MANAGER_ID NUMBER(38,0) NUMBER(38,0) NUMBER(38,14) NUMBER(38,14) INT_MANAGER_ID NUMBER(38,0) NUMBER(38,14) NUMBER(38,14) INT_MANAGER_ID NUMBER(38,0) NUMBER(38,0) NUMBER(38,0) NUMBER(38,14) NUMBER(38,14) INT_MANAGER_ID NUMBER(38,0) NUMBER	PRODUCT_/	ACINIC FEEFNITIALE	al a a a	, , ,
PRODUCT_ PUBLICATIO STREET_DA STREET_DA SUBCATEGO DW_CREAT DW_LAST_U IS_DELETED VERSION AND dma.REGION_ID = ddo.REGION_ID AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID AND dma.ASIN = ddo.ASIN WHERE dma.REGION_ID = 1 AND dma.MARKETPLACE_ID = 1 AND ddo.REGION_ID = 1 AND ddo.REGION_ID = 1 AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') AND ddo.MARKETPLACE_ID = 1 AND dma.GL_PRODUCT_GROUP = 14 VARCHAR2(40) VARCHARACH VARCHARACH VAND dma.REGION_ID = 1 VAND ddo.REGION_ID	PRODUCT 1	_	KENCI_CODE	
AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID AND dma.ASIN = ddo.ASIN WHERE dma.REGION_ID = 1 AND dma.MARKETPLACE_ID = 1 AND dma.MARKETPLACE_ID = 1 AND ddo.REGION_ID = 1 AND ddo.REGION_ID = 1 AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') AND ddo.MARKETPLACE_ID = 1 AND dma.GL_PRODUCT_GROUP = 14 NUMBER(38,14) DISC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14)	DRUNICI I —	-		
STREET_DA' SUBCATEGO DW_CREAT DW_LAST_LIS_DELETED VERSION AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID AND dma.ASIN = ddo.ASIN NUMBER(38,0) AMT LUNITS NUMBER(38,14) LUNITS NUMBER(38,14) AMT NUMBER(38,14) LUNITS NUMBER(38,14) AMT NUMBER(38,14) AMT NUMBER(38,14) LUNITS NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14) NUMBER(38,14)	DUBUICATIO	_		, ,
SUBCATEGO DW_CREAT DW_LAST_U IS_DELETED VERSION AND dma.MARKETPLACE_ID = 1 AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') AND dma.GL_PRODUCT_GROUP = 14 AND dma.GL_PRODUCT_GROUP = 14 AND dma.ASIN = ddo.ASIN LUNITS AMT AMT NUMBER(38,14) AMT NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14)	STREET DA AND ama.	-	_	, , ,
DW_CREAT DW_LAST_L IS_DELETED VERSION AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') AND ddo.MARKETPLACE_ID = 1 AND dma.GL_PRODUCT_GROUP = 14 WHERE dma.REGION_ID = 1 AMT NUMBER(38,14) LONIS NOMBER(38,14) AMT NUMBER(38,14) DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14) NUMBER(38,14)	CUDCATECO AND UIIIa.			, , ,
DW_LAST_I IS_DELETED AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') VERSION AND ddo.MARKETPLACE_ID = 1 AND dma.GL_PRODUCT_GROUP = 14	DIAL CREAT	_	_	, , ,
IS_DELETED AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD') VERSION AND ddo.MARKETPLACE_ID = 1 AND dma.GL_PRODUCT_GROUP = 14 AND dma.GL_PRODUCT_GROUP = 14 AND dma.GL_PRODUCT_GROUP = 14 AND dma.GL_PRODUCT_GROUP = 14	DW LACT I	-	L ^{AMT}	NUMBER(38,14)
VERSION AND ddo.MARKETPLACE_ID = 1 AND dma.GL_PRODUCT_GROUP = 14 AND dma.GL_PRODUCT_GROUP = 14 DISC_SAMEDAYCANC_AMT NUMBER(38,14) DISC_AMT NUMBER(38,14) DISC_ADJUSTED_AMT NUMBER(38,14)	IS DELETED	-		
AND dma.GL_PRODUCT_GROUP = 14 _DISC_AMT NUMBER(38,14) _DISC_ADJUSTED_AMT NUMBER(38,14)	AND ddo.Ac			
	VERSION AND ddo.M	ARKETPLACE_ID = 1		
	AND dma.GI	PRODUCT_GROUP =	- 14	
DISC_SAMEDAYCANC_AMT NUMBER(38,14)				
			_DISC_SAMEDAYCANC_	_AMT NUMBER(38,14)
	;			

	D_MP_ASINS_ESSE	NTIALS			D_DAILY_ORDERS	
REGION_ID	[PK:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLA	CE ID [PK:2]	NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]		CHAR(10)		MARKETP	LACE_ID	NUMBER(38,0)
BASE CURR	ENCY CODE	VARCHAR2(15)		ACTIVITY_	DAY [Part:2]	DATE
CATEGORY		VARCHAR2(96)		ASIN		CHAR(10)
GL PRODUC		NUMBER(10,0)			NT_CUSTOMER_ID	NUMBER(38,0)
_	_	NOIVIBER(10,0)		EXCHANG	E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUC	SELECT				PE	VARCHAR2(10)
ITEM_NAM	ddo.ASIN				_REASON_CODE	VARCHAR2(80)
MSRP	, dma.ITEM_NAN	ΛE			ETHOD	VARCHAR2(1)
MSRP_TAX_	, uma.meivi_ivar	VIE				CHAR(1)
PRODUCT_/		CINIC FECCENTIALS disease			RODUCT_GROUP	NUMBER(4,0)
PRODUCT_S		SINS_ESSENTIALS	ama		RENCY_CODE	VARCHAR2(10)
PRODUCT 1	JOIN D_DAILY_O				NT_MANAGER_ID	NUMBER(38,0)
PUBLICATIO		DN_ID = ddo.REG	_		_SKU	VARCHAR2(40)
STREET_DA		RKETPLACE_ID = ddo.MARKETPLACE_ID			UNITS	NUMBER(38,0)
SUBCATEGO	AND dma.ASIN				AMT	NUMBER(38,14)
	WHERE dma.REC	_			UNITS	NUMBER(38,0)
DW_CREAT	AND dma.MARK	_			_AMT	NUMBER(38,14)
DW_LAST_L	AND ddo.REGIOI	N_ID = 1				
IS_DELETED	AND ddo.ACTIVI	TY_DAY = TO_DAT	ΓΕ('20110914','ΥΥΥΥΜΝ	IDD')		
VERSION	AND ddo.MARK	ETPLACE_ID = 1			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
	AND dma.GL PR	ODUCT_GROUP =	= 14		_DISC_AMT	NUMBER(38,14)
	_	_			_DISC_ADJUSTED_AMT	NUMBER(38,14)
					_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
,						

D_MP_ASINS_ESSE	NTIALS			D_DAILY_ORDERS	
REGION_ID [PK:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)		MARKETPLACE_ID		NUMBER(38,0)
BASE CURRENCY CODE	VARCHAR2(15)		_	DAY [Part:2]	DATE
CATEGORY CODE	VARCHAR2(96)		ASIN		CHAR(10)
GL PRODUCT GROUP	NUMBER(10,0)		MERCHANT_CUSTOMER_ID		NUMBER(38,0)
GL PRODU CT CROWN DESC	VADCHAD2(10)		EXCHANG	E_ITEM_CONDITION_ID	NUMBER(2,0)
CELECT				PE	VARCHAR2(10)
TILIVI_IVAIVI				_REASON_CODE	VARCHAR2(80)
MAN ITEM NA	МЕ			ETHOD	VARCHAR2(1)
MINISTRA IAX					CHAR(1)
PRUDULI A		dma		RODUCT_GROUP	NUMBER(4,0)
PRODUCT 4	SINS_ESSENTIALS dma ORDERS ddo		RENCY_CODE	VARCHAR2(10)	
PRODUCT = -			NT_MANAGER_ID	NUMBER(38,0)	
DUBUCATIO	ON_ID = ddo.REG	_		_SKU	VARCHAR2(40)
AND dma.MARKETPLACE_ID		ddo.MARKETPLACE_ID		UNITS	NUMBER(38,0)
SUPCATECO AND UIIIa.ASII				AMT	NUMBER(38,14)
DIAL CREAT				_UNITS	NUMBER(38,0)
	AND UIIIa.IVIARRETPLACE_ID = 1			_AMT	NUMBER(38,14)
DW_LAST_U AND ddo.REGIO	N_ID = 1				
IS_DELETED AND ddo.ACTIVI	TY_DAY = TO_DAT	Y_DAY = TO_DATE(' <mark>20110914','YYYYMM</mark> [
VERSION AND ddo.MARK	ETPLACE ID = 1			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
AND dma.GL PF	RODUCT GROUP :	= 14		_DISC_AMT	NUMBER(38,14)
_	_			_DISC_ADJUSTED_AMT	NUMBER(38,14)
				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
,					

D_N	MP_ASINS_ESSEN	NTIALS			D_DAILY_ORDERS	
REGION_ID [PK:	:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLACE	ID [PK:2]	NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]		CHAR(10)		MARKETP	LACE_ID	NUMBER(38,0)
BASE CURRENC		VARCHAR2(15)		_	DAY [Part:2]	DATE
CATEGORY COL	_	VARCHAR2(96)		ASIN		CHAR(10)
GL PRODUCT (NUMBER(10,0)		MERCHANT_CUSTOMER_ID		NUMBER(38,0)
		MONIBER(10,0)			E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT	ELECT				PE	VARCHAR2(10)
ITEIVI_IVAIVI	do.ASIN				_REASON_CODE	VARCHAR2(80)
IVISKP	dma.ITEM NAM	ΛE			ETHOD	VARCHAR2(1)
IVISKP_TAX_	SUM(ddo.ORDE					CHAR(1)
PRODUCT A	•	_ ′	dma		RODUCT_GROUP	NUMBER(4,0)
PRODUCT		INS_ESSENTIALS (uilla		RENCY_CODE	VARCHAR2(10)
DRUILLE I	ON drag REGIS		ION ID		NT_MANAGER_ID	NUMBER(38,0)
		N_ID = ddo.REGI	-		_SKU	VARCHAR2(40)
CTDEET DAI		_	ddo.MARKETPLACE_ID		UNITS	NUMBER(38,0)
CLIDCATECO	AND dma.ASIN				_AMT	NUMBER(38,14)
WHERE UIIIa.REGION_ID = 1				_UNITS	NUMBER(38,0)	
DIA LACT I	ND dma.MARKE	-			_AMT	NUMBER(38,14)
IC DELETED	ND ddo.REGION	_				
		_	TE('20110914','YYYYMM	DD')		
VERSION A	ND ddo.MARKE	$TPLACE_ID = 1$			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
1A	ND dma.GL_PR	ODUCT_GROUP =	= 14		_DISC_AMT	NUMBER(38,14)
GI	ROUP BY				_DISC_ADJUSTED_AMT	NUMBER(38,14)
do	do.ASIN				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
, c	dma.ITEM_NAM	ΛE				
	_					
I;						
,						

D _.	_MP_ASINS_ESSE	NTIALS			D_DAILY_ORDERS	
REGION_ID [P	PK:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLAC	E ID [PK:2]	NUMBER(38,0)		LEGAL_EN	ITITY_ID	NUMBER(38,0)
ASIN [PK:1]	_	CHAR(10)		MARKETP	LACE_ID	NUMBER(38,0)
BASE CURREN		VARCHAR2(15)		ACTIVITY_DAY [Part:2] ASIN MERCHANT_CUSTOMER_ID		DATE
CATEGORY_C	-	VARCHAR2(96)				CHAR(10)
GL PRODUCT		NUMBER(10,0)				NUMBER(38,0)
_	_	NOIVIBER(10,0)	EXCHAN		E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODUCT	SELECT				PE	VARCHAR2(10)
I I E IVI _ IVAIVI	ddo.ASIN				_REASON_CODE	VARCHAR2(80)
IVISKP	, dma.ITEM NAN	ΛE			ETHOD	VARCHAR2(1)
IVINE IAA	, SUM(ddo.ORDE					CHAR(1)
PRUDUUL A			dma		RODUCT_GROUP	NUMBER(4,0)
PRODUCT 1		INS_ESSENTIALS	uiiia		RENCY_CODE	VARCHAR2(10)
PRODUCT_1	JOIN D_DAILY_OI				NT_MANAGER_ID	NUMBER(38,0)
PUBLICATIO	ON dma.REGION_ID = ddo.REGION_ID				_SKU	VARCHAR2(40)
STREET_DA SUBCATEGC DW_CREAT AND dma.MARKETPLACE_ID = dc AND dma.ASIN = ddo.ASIN WHERE dma.REGION_ID = 1 AND dma.MARKETPLACE_ID = 1		ddo.MARKETPLACE_ID		UNITS	NUMBER(38,0)	
				AMT	NUMBER(38,14)	
				_UNITS	NUMBER(38,0)	
				_AMT	NUMBER(38,14)	
DW_LAST_U AND ddo.REGION_ID = 1						
		_	TE('20110914','YYYYMM	DD')		
VERSION	AND ddo.MARKE	TPLACE_ID = 1			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
	AND dma.GL_PR	ODUCT_GROUP =	= 14		_DISC_AMT	NUMBER(38,14)
	GROUP BY				_DISC_ADJUSTED_AMT	NUMBER(38,14)
	ddo.ASIN				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
	, dma.ITEM_NAN	ЛE				
	HAVING SUM(dd	o.ORDERED_UNI	TS) >= 1000			
	•	_	•			
	;					
	,					

D_MP_ASINS_ESSENTIALS			D_DAILY_ORDERS			
REGION_ID	[PK:3]	NUMBER(2,0)		REGION_I	D [Part:1]	NUMBER(2,0)
MARKETPLACE ID [PK:2]		NUMBER(38,0)		LEGAL_ENTITY_ID		NUMBER(38,0)
ASIN [PK:1]		CHAR(10)		MARKETPLACE_ID		NUMBER(38,0)
	ENCY CODE	VARCHAR2(15)		ACTIVITY_	DAY [Part:2]	DATE
CATEGORY	-	VARCHAR2(96)				CHAR(10)
GL PRODUC		NUMBER(10,0)			NT_CUSTOMER_ID	NUMBER(38,0)
_		NUIVIBER(10,0)			E_ITEM_CONDITION_ID	NUMBER(2,0)
GL_PRODU	SELECT				PE	VARCHAR2(10)
ITEM_NAM	ddo.ASIN				_REASON_CODE	VARCHAR2(80)
MSRP	, dma.ITEM NAM	ΛE			ETHOD	VARCHAR2(1)
MSRP_TAX_	· —					CHAR(1)
PRODUCT_A	, SUM(ddo.ORDE		NTIALS dma		RODUCT_GROUP	NUMBER(4,0)
PRODUCT_S		_			RENCY_CODE	VARCHAR2(10)
PRODUCT_1		D_DAILY_ORDERS ddo			NT_MANAGER_ID	NUMBER(38,0)
PUBLICATIO	ON dma.REGION_ID = ddo.REGION_ID				_SKU	VARCHAR2(40)
STREET_DA' SUBCATEGO WHERE dma.REGION_ID = 1		ddo.MARKETPLACE_ID		UNITS	NUMBER(38,0)	
				AMT	NUMBER(38,14)	
				_UNITS	NUMBER(38,0)	
	AND dma.MARK	_			_AMT	NUMBER(38,14)
DW_LAST_U	AND GGO.NEGIO	N_ID = 1				
IS_DELETED	AND ddo.ACTIVI	$TY_DAY = TO_DAT$	ΓΕ('20110914','ΥΥΥΥΜΜ	DD')		
VERSION	AND ddo.MARK	ETPLACE_ID = 1			_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
	AND dma.GL_PR	ODUCT_GROUP =	= 14		_DISC_AMT	NUMBER(38,14)
	GROUP BY				_DISC_ADJUSTED_AMT	NUMBER(38,14)
	ddo.ASIN				_DISC_SAMEDAYCANC_AMT	NUMBER(38,14)
	, dma.ITEM NAI	ΜE				
		lo.ORDERED UNI	TS) >= 1000			
	,	ddo.ORDERED_UI	•			
	:		-,			
	'					

ASIN	ITEM_NAME	SUM(DDO.ORDERED_UNITS)
1401324258	Jacqueline Kennedy: Historic Conversations on Life with John F. Kennedy	4715
0439023521	The Hunger Games	1229
0425245136	The Help (Movie Tie-In)	1216
159562015X	StrengthsFinder 2.0	1121
140020237X	StandOut: The Groundbreaking New Strengths Assessment from the Leader of the Strengths Revolution	1026
0874478529	The Official SAT Study Guide, 2nd edition	1023

```
SELECT
ddo.ASIN
, dma.ITEM_NAME
, SUM(ddo.ORDERED UNITS)
FROM D_MP_ASINS_ESSENTIALS dma
JOIN D DAILY ORDERS ddo
 ON dma.REGION ID = ddo.REGION ID
 AND dma.MARKETPLACE_ID = ddo.MARKETPLACE_ID
 AND dma.ASIN = ddo.ASIN
WHERE dma.REGION ID = 1
AND dma.MARKETPLACE ID = 1
AND ddo.REGION ID = 1
AND ddo.ACTIVITY_DAY = TO_DATE('20110914','YYYYMMDD')
AND ddo.MARKETPLACE ID = 1
AND dma.GL PRODUCT GROUP = 14
GROUP BY
ddo.ASIN
, dma.ITEM_NAME
HAVING SUM(ddo.ORDERED_UNITS) >= 1000
ORDER BY SUM(ddo.ORDERED UNITS) DESC
```

D_MP_ASINS_ESSENTIALS				
REGION_ID [PK:3]	NUMBER(2,0)			
MARKETPLACE_ID [PK:2]	NUMBER(38,0)			
ASIN [PK:1]	CHAR(10)			
BASE_CURRENCY_CODE	VARCHAR2(15)			
CATEGORY_CODE	VARCHAR2(96)			
GL_PRODUCT_GROUP	NUMBER(10,0)			
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)			
ITEM_NAME	VARCHAR2(400)			
MSRP	NUMBER(18,4)			
MSRP_TAX_AMOUNT	NUMBER(18,4)			
PRODUCT_AVAILABLE_DAY	DATE			
PRODUCT_SITE_LAUNCH_DAY	DATE			
PRODUCT_TIER_ID	VARCHAR2(50)			
PUBLICATION_DAY	DATE			
STREET_DAY	DATE			
SUBCATEGORY_CODE	VARCHAR2(96)			
DW_CREATION_DATE	DATE			
DW_LAST_UPDATED	DATE			
IS_DELETED	CHAR(1)			
VERSION	NUMBER(38,0)			

D MAD ACINI DDANID MAANI	IEA CTUDED
D_MP_ASIN_BRAND_MANU	PFACTURER
REGION_ID [Part:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [Part:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)
GL_PRODUCT_GROUP	NUMBER(10,0)
BRAND_CODE	CHAR(5)
BRAND_NAME	VARCHAR2(240)
MANUFACTURER_CODE	CHAR(5)
MANUFACTURER_NAME	VARCHAR2(240)
OWNING_VENDOR_CODE	CHAR(5)
OWNING_VENDOR_NAME	VARCHAR2(240)
SRC_BRAND_CODE	VARCHAR2(5)
SRC_PUBLISHER_CODE	VARCHAR2(50)
IS_DELETED	CHAR(1)
DW_CREATION_DATE	DATE
DW_LAST_UPDATED	DATE

D_MP_ASINS_ESSENTIALS			D_MP_ASIN_BRAND_MANU		UFACTURER
REGION_ID [PK:3]	NUMBER(2,0)		REGION_ID [Part:1] [PK:	3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		MARKETPLACE_ID [Part:	2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)		ASIN [PK:1]	ASIN [PK:1]	
BASE_CURRENCY_CODE	VARCHAR2(15)		GL_PRODUCT_GROUP		NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)		BRAND_CODE		CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)		BRAND NAME		VARCHAR2(240)
GL_PRODUCT_ \/\bat	aro the N	/lanufacturer	Codoc for		CHAR(5)
ITEM_NAME VVII at	are the iv	ranulacturei	Codes for		VARCHAR2(240)
MSRP ASI	Ns 34065	12941, 06022	32503)E	CHAR(5)
MSRP TAX AN				ΛE	VARCHAR2(240)
PRODUCT_AV/ 14	01324258	3, and 043902	23521?		VARCHAR2(5)
PRODUCT_SITL_LAGINGH_DAT	PAIL	<u>'</u>	SINO_I ODEISHEN_CODE		VARCHAR2(50)
PRODUCT_TIER_ID	VARCHAR2(50)		IS_DELETED		CHAR(1)
PUBLICATION_DAY	DATE		DW_CREATION_DATE		DATE
STREET_DAY	DATE		DW_LAST_UPDATED		DATE
SUBCATEGORY_CODE	VARCHAR2(96)				
DW_CREATION_DATE	DATE				
DW_LAST_UPDATED	DATE				
IS_DELETED	CHAR(1)				
VERSION	NUMBER(38,0)				

D_MP_ASINS_ESSE	NTIALS
REGION_ID [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)
ASIN [PK:1]	CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)
CATEGORY_CODE	VARCHAR2(96)
GL_PRODUCT_GROUP	NUMBER(10,0)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)
ITEM_NAME	VARCHAR2(400)
MSRP	NUMBER(18,4)
MSRP_TAX_AMOUNT	NUMBER(18,4)
PRODUCT_AVAILABLE_DAY	DATE
PRODUCT_SITE_LAUNCH_DAY	DATE
PRODUCT_TIER_ID	VARCHAR2(50)
PUBLICATION DAY	DATE
STREET_DA SELECT	
SUBCATEGO	
DW_CREAT	
DW_LAST_I FROM	
IS_DELETED	
VERSION	
WHERE	
VVIILINL	
! :	
,	

D_MP_ASINS_ESSE	NTIALS	D_MP_ASIN_BRAND_MAN	IUFACTURER
REGION_ID [PK:3]	NUMBER(2,0)	REGION_ID [Part:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	MARKETPLACE_ID [Part:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)	ASIN [PK:1]	CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)	GL_PRODUCT_GROUP	NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)	BRAND_CODE	CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)	BRAND_NAME	VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)	MANUFACTURER_CODE	CHAR(5)
ITEM_NAME	VARCHAR2(400)	MANUFACTURER_NAME	VARCHAR2(240)
MSRP	NUMBER(18,4)	OWNING_VENDOR_CODE	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)	OWNING_VENDOR_NAME	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE	SRC_BRAND_CODE	VARCHAR2(5)
PRODUCT_SITE_LAUNCH_DAY	DATE	SRC_PUBLISHER_CODE	VARCHAR2(50)
PRODUCT_TIER_ID	VARCHAR2(50)	IS_DELETED	CHAR(1)
PUBLICATION DAY	DATE	DW_CREATION_DATE	DATE
STREET_DA SELECT		_UPDATED	DATE
SUBCATEGO			
DW_CREAT			
DW_LAST_I FROM D_MP_AS	SINS_ESSENTIALS	dma	
IS_DELETED			
VERSION			
WHERE			
;			

D_MP_ASINS_ESSE	NTIALS	D_MP_A	ASIN_BRAND_MAN	UFACTURER
REGION_ID [PK:3]	NUMBER(2,0)	REGION_ID [Pai	rt:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	MARKETPLACE_	_ID [Part:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)	ASIN [PK:1]		CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)	GL_PRODUCT_0	GROUP	NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)	BRAND_CODE		CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)	BRAND_NAME		VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)	MANUFACTURE	ER_CODE	CHAR(5)
ITEM_NAME	VARCHAR2(400)	MANUFACTURE	ER_NAME	VARCHAR2(240)
MSRP	NUMBER(18,4)	OWNING_VENE	OOR_CODE	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)	OWNING_VENE	OOR_NAME	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE	SRC_BRAND_CO	DDE	VARCHAR2(5)
PRODUCT_SITE_LAUNCH_DAY	DATE	SRC_PUBLISHER	SRC_PUBLISHER_CODE	
PRODUCT_TIER_ID	VARCHAR2(50)	IS_DELETED		CHAR(1)
PUBLICATION DAY	DATE	DW CREATION	_DATE	DATE
STREET_DA SELECT		_UPD	ATED	DATE
SUBCATEGO				
DW_CREAT				
	SINS_ESSENTIALS			
IS_DELETED JOIN D_MP_ASIN	N_BRAND_MANU	FACTURER dmam		
VERSION				
WHERE				
1.				
;				

D_MP_ASINS_ESSE	NTIALS		D_MP_ASIN_BRA	ND_MAN	JFACTURER
REGION_ID [PK:3]	NUMBER(2,0)		REGION_ID [Part:1] [PK:3	3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		MARKETPLACE_ID [Part::	2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)		ASIN [PK:1]		CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)		GL_PRODUCT_GROUP		NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)		BRAND_CODE		CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)		BRAND_NAME		VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)		MANUFACTURER_CODE		CHAR(5)
ITEM_NAME	VARCHAR2(400)		MANUFACTURER_NAME		VARCHAR2(240)
MSRP	NUMBER(18,4)		OWNING_VENDOR_COD	E	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)		OWNING_VENDOR_NAM	ΛE	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE	!	SRC_BRAND_CODE		VARCHAR2(5)
PRODUCT_SITE_LAUNCH_DAY	DATE	!	SRC_PUBLISHER_CODE		VARCHAR2(50)
PRODUCT_TIER_ID	VARCHAR2(50)		IS_DELETED		CHAR(1)
PUBLICATION DAY	DATE		DW_CREATION_DATE		DATE
STREET_DA SELECT			_UPDATED		DATE
SUBCATEGO					
DW_CREAT					
DW_LAST_I FROM D_MP_AS	SINS_ESSENTIALS	dma			
15 DELETED = =		FACTURER dmam			
VERSION ON dma.ASIN	= dmam.ASIN				
WHERE					
,					

D MP ASINS ESSENTIALS			D_MP_ASIN_BRAND_MANUFACTUREF	
REGION_ID [PK:3]	NUMBER(2,0)	REGION	_ID [Part:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	MARKET	PLACE_ID [Part:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)	ASIN [Pk	(:1]	CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)	GL_PRO	DUCT_GROUP	NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)	BRAND_	CODE	CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)	BRAND_	NAME	VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)	MANUF	ACTURER_CODE	CHAR(5)
ITEM_NAME	VARCHAR2(400)	MANUF	ACTURER_NAME	VARCHAR2(240)
MSRP	NUMBER(18,4)	OWNING	G_VENDOR_CODE	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)	OWNING	G_VENDOR_NAME	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE	SRC_BRA	AND_CODE	VARCHAR2(5)
PRODUCT_SITE_LAUNCH_DAY	DATE	SRC_PU	BLISHER_CODE	VARCHAR2(50)
PRODUCT_TIER_ID	VARCHAR2(50)	IS_DELE	TED	CHAR(1)
PUBLICATION DAY	DATE	DW CRI	ATION_DATE	DATE
STREET_DA SELECT			_UPDATED	DATE
SUBCATEGO				
DW_CREAT				
	SINS_ESSENTIALS			
15 DELETED = =	N_BRAND_MANU	FACTURER dmam		
VERSION ON dma.ASIN				
AND dma.REG	$ION_ID = dmam.F$	REGION_ID		
WHERE				
;				

D MP ASINS ESSENTIALS			D_MP_ASIN_BRAND_MAN	UFACTURER
REGION_ID [PK:3]	NUMBER(2,0)	REGIC	N_ID [Part:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	MARK	ETPLACE_ID [Part:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)	ASIN [PK:1]	CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)	GL_PF	ODUCT_GROUP	NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)	BRAN	D_CODE	CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)	BRAN	D_NAME	VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)	MANU	FACTURER_CODE	CHAR(5)
ITEM_NAME	VARCHAR2(400)	MANU	FACTURER_NAME	VARCHAR2(240)
MSRP	NUMBER(18,4)	OWNI	NG_VENDOR_CODE	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)	OWNI	NG_VENDOR_NAME	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE	SRC_E	RAND_CODE	VARCHAR2(5)
PRODUCT_SITE_LAUNCH_DAY	DATE	SRC_P	UBLISHER_CODE	VARCHAR2(50)
PRODUCT_TIER_ID	VARCHAR2(50)	IS_DE	ETED	CHAR(1)
PUBLICATION DAY	DATE	DW C	REATION_DATE	DATE
STREET_DA SELECT			_UPDATED	DATE
SUBCATEGO				
DW_CREAT				
	SINS_ESSENTIALS			
19_0000 = =		FACTURER dmam		
VERSION ON dma.ASIN				
	iION_ID = dmam.F	_		
	$RKETPLACE_ID = c$	lmam.MARKETPLACE_ID		
WHERE				
;				

D MP ASINS ESSENTIALS		D_MP_ASIN_BRAND_MAN	IUFACTURER
REGION_ID [PK:3]	NUMBER(2,0)	REGION_ID [Part:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	MARKETPLACE_ID [Part:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)	——————————————————————————————————————	CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)	GL_PRODUCT_GROUP	NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)	BRAND_CODE	CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)	BRAND_NAME	VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)	MANUFACTURER_CODE	CHAR(5)
ITEM_NAME	VARCHAR2(400)	MANUFACTURER_NAME	VARCHAR2(240)
MSRP	NUMBER(18,4)	OWNING_VENDOR_CODE	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)	OWNING_VENDOR_NAME	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE	SRC_BRAND_CODE	VARCHAR2(5)
PRODUCT_SITE_LAUNCH_DAY	DATE	SRC_PUBLISHER_CODE	VARCHAR2(50)
PRODUCT_TIER_ID	VARCHAR2(50)	IS_DELETED	CHAR(1)
PUBLICATION DAY	DATE	DW_CREATION_DATE	DATE
STREET_DA SELECT		_UPDATED	DATE
SUBCATEGO			
DW_CREAT			
DW_LAST_I FROM D_MP_AS	SINS_ESSENTIALS	dma	
IS DELETED JOIN D_MP_ASIN	N_BRAND_MANU	FACTURER dmam	
VERSION ON dma.ASIN	= dmam.ASIN		
AND dma.REG	$ION_ID = dmam.F$	REGION_ID	
AND dma.MAI	$RKETPLACE_ID = d$	lmam.MARKETPLACE_ID	
WHERE			
;			

D MP ASINS ESSENTIALS			D _.	_MP_ASIN_BRAND_MAN	UFACTURER
REGION_ID [PK:3]	NUMBER(2,0)		REGION_	ID [Part:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		MARKET	PLACE_ID [Part:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)		ASIN [PK	:1]	CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)		GL_PROD	DUCT_GROUP	NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)		BRAND_0	CODE	CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)		BRAND_I	NAME	VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)		MANUFA	CTURER_CODE	CHAR(5)
ITEM_NAME	VARCHAR2(400)		MANUFA	CTURER_NAME	VARCHAR2(240)
MSRP	NUMBER(18,4)		OWNING	_VENDOR_CODE	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)		OWNING	_VENDOR_NAME	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE		SRC_BRAND_CODE		VARCHAR2(5)
PRODUCT_SITE_LAUNCH_DAY	DATE		SRC_PUBLISHER_CODE		VARCHAR2(50)
PRODUCT_TIER_ID	VARCHAR2(50)		IS_DELETED		CHAR(1)
PUBLICATION DAY	DATE		DW CRE	ATION_DATE	DATE
STREET_DA SELECT				_UPDATED	DATE
SUBCATEGO					
DW_CREAT					
	SINS_ESSENTIALS				
15 DELETED = =		FACTURER dmam			
VERSION ON dma.ASIN					
AND dma.REG	-				
	dmam.MARKETPLACE_ID)			
WHERE dma.REC					
AND dma.MARK	ETPLACE_ID =				
,					

D_MP_ASINS_ESSE	D MP ASINS ESSENTIALS		D_MP_ASIN_BRAND_MANUFACTURER	
REGION_ID [PK:3]	NUMBER(2,0)	REGION	_ID [Part:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	MARKET	TPLACE_ID [Part:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)	ASIN [PI	(:1]	CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)	GL_PRO	DUCT_GROUP	NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)	BRAND_	CODE	CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)	BRAND_	NAME	VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)	MANUF	ACTURER_CODE	CHAR(5)
ITEM_NAME	VARCHAR2(400)	MANUF	ACTURER_NAME	VARCHAR2(240)
MSRP	NUMBER(18,4)	OWNIN	G_VENDOR_CODE	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)	OWNIN	G_VENDOR_NAME	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE	SRC_BR	AND_CODE	VARCHAR2(5)
PRODUCT_SITE_LAUNCH_DAY	DATE	SRC_PU	BLISHER_CODE	VARCHAR2(50)
PRODUCT_TIER_ID	VARCHAR2(50)	IS_DELE	TED	CHAR(1)
PUBLICATION DAY	DATE	DW CR	ATION_DATE	DATE
STREET_DA SELECT			_UPDATED	DATE
SUBCATEGO				
DW_CREAT				
DW LAST (FROM D_MP_AS	SINS_ESSENTIALS	dma		
	N_BRAND_MANU	FACTURER dmam		
VERSION ON dma.ASIN	= dmam.ASIN			
AND dma.REG	$ION_ID = dmam.F$	REGION_ID		
AND dma.MA	RKETPLACE ID = c	dmam.MARKETPLACE ID		
WHERE dma.REG	_	_		
AND dma.MARK	_			
	_			
! ;				
,				

D_MP_ASINS_ESSENTIALS			D_MP_ASIN_BF	RAND_MAN	UFACTURER
REGION_ID [PK:3]	NUMBER(2,0)		REGION_ID [Part:1] [Pk	(:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		MARKETPLACE_ID [Par	t:2] [PK:2]	NUMBER
ASIN [PK:1]	CHAR(10)		ASIN [PK:1]		CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)		GL_PRODUCT_GROUP		NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)		BRAND_CODE		CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)		BRAND_NAME		VARCHAR2(240)
GL_PRODUCT_GROUP_DES	SC VARCHAR2(100)		MANUFACTURER_COD	Ε	CHAR(5)
ITEM_NAME	CELECT			7	VARCHAR2(240)
MSRP	SELECT			ÞΕ	CHAR(5)
MSRP_TAX_AMOUNT		dma.ASIN , dmam.MANUFACTURER CODE			
PRODUCT_AVAILABLE_DA'	FROM D MP ASINS	_			VARCHAR2(5)
PRODUCT_SITE_LAUNCH_		_LSSENTIALS GITTA RAND MANUFACTUREF	≀ dmam		VARCHAR2(50)
PRODUCT_TIER_ID	ON dma.ASIN = dr	_	· amam		CHAR(1)
PUBLICATION_DAY		ID = dmam.REGION IE)		DATE
STREET_DAY		TPLACE ID = dmam.MA			DATE
SUBCATEGORY_CODE	WHERE dma.REGION	_			
DW_CREATION_DATE	AND dma.MARKETP	 -			
DW_LAST_UPDATED		_			
IS_DELETED					
VERSION	;				
				J	

D_MP_ASINS_ESSENTIALS			D_MP_A	ASIN_BRAND_MAN	UFACTURER	
REGION_ID [PK:3]		NUMBER(2,0)		REGION_ID [Pa	rt:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID	[PK:2]	NUMBER(38,0)		MARKETPLACE_ID [Part:2] [PK:2]		NUMBER
ASIN [PK:1]		CHAR(10)		ASIN [PK:1]		CHAR(10)
BASE_CURRENCY_	CODE	VARCHAR2(15)		GL_PRODUCT_	GROUP	NUMBER(10,0)
CATEGORY_CODE		VARCHAR2(96)		BRAND_CODE		CHAR(5)
GL_PRODUCT_GR	OUP	NUMBER(10,0)		BRAND_NAME		VARCHAR2(240)
GL_PRODUCT_GR	OUP_DESC	VARCHAR2(100)		MANUFACTUR	ER_CODE	CHAR(5)
ITEM_NAME		VADCHAD2(400)		MANUEACTUR	FR_NAME	VARCHAR2(240)
MSRP	SELECT				OR_CODE	CHAR(5)
MSRP_TAX_AMO			ODE TIALS dma MANUFACTURER dmam IN		OR_NAME	VARCHAR2(240)
PRODUCT_AVAILA	-	ANUFACTURER_C			DDE	VARCHAR2(5)
PRODUCT_SITE_L	-	/IP_ASINS_ESSEN			R_CODE	VARCHAR2(50)
PRODUCT_TIER_II	-					CHAR(1)
PUBLICATION_DA		.ASIN = dmam.AS			_DATE	DATE
STREET_DAY		a.REGION_ID = dr	-	. CE . ID	ATED	DATE
SUBCATEGORY_C			_ID = dmam.MARKETPLA	ACE_ID		
DW_CREATION_D		na.REGION_ID = 1				
DW_LAST_UPDAT	AND dilia.i	MARKETPLACE_ID) - 1			
IS_DELETED			5','1401324258','043902	35 21'\		
VERSION		741,0002232303	, 1401324230 , 043302	3321		
	,					
					•	

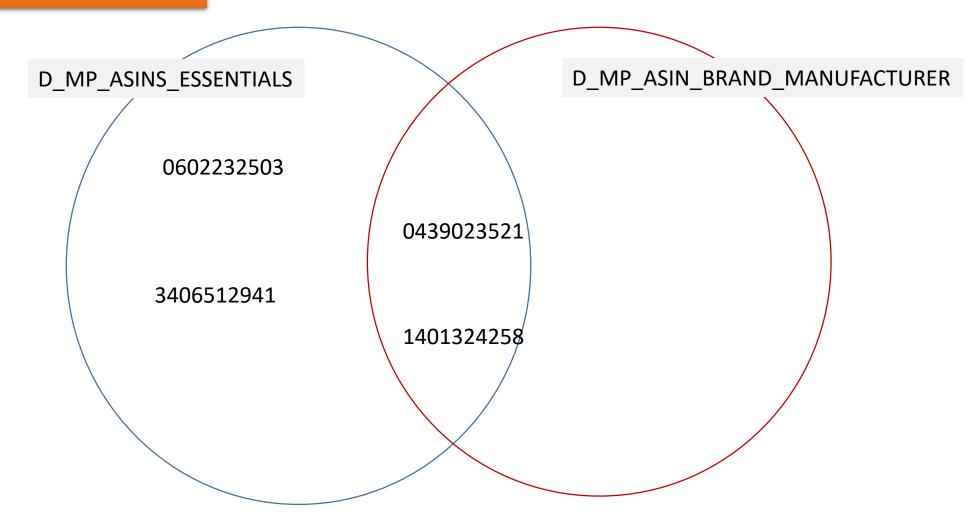
D_MP_ASINS_ESSENTIALS			D_	D_MP_ASIN_BRAND_MANUFACTURE		UFACTURER	
REGION_ID [PK:3]	NUMBER(2,0)		REGION_	ID [Pa	art:1] [PK:3]	NUMBER(2,0)
MARKETPLACE_ID [PK:2]	NUMBER(38,0)		MARKET	PLACE_ID [Part:2] [PK:2]		NUMBER	
ASIN [PK:1]	CHAR(10)	ASIN [PK:1		:1]			CHAR(10)
BASE_CURRENCY_CODE	VARCHAR2(15)		GL_PROD	DUCT_	GROUP		NUMBER(10,0)
CATEGORY_CODE	VARCHAR2(96)		BRAND_C	CODE			CHAR(5)
GL_PRODUCT_GROUP	NUMBER(10,0)		BRAND_N	NAME			VARCHAR2(240)
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)		MANUFA	CTUR	ER_CODE		CHAR(5)
ITEM_NAME	VARCHAR2(400)		MANUFA	CTUR	ER_NAME		VARCHAR2(240)
MSRP	NUMBER(18,4)		OWNING	_VEN	DOR_CODE	Ē	CHAR(5)
MSRP_TAX_AMOUNT	NUMBER(18,4)		OWNING	_VEN	DOR_NAM	E	VARCHAR2(240)
PRODUCT_AVAILABLE_DAY	DATE		SRC_BRAND_CODE			VARCHAR2(5)	
PRODUCT_SITE_LAUNCH_DAY	DATE		SRC_PUBLISHER_CODE			VARCHAR2(50)	
PRODUCT_T SELECT				ED			CHAR(1)
PUBLICATIO dma.ASIN				OITA	N_DATE		DATE
STREET_DA , dmam.MANUF.	ACTURER CODE			_UPDATED			DATE
CLIDCATECO	SINS ESSENTIALS	dma					
	_	FACTURER dmam					
DW_LAST_U ON dma.ASIN		TACTORER amam					
	GION_ID = dmam.f	REGION ID			ASIN		JFACTURER_CODE
= •• = •	_	dmam MARKETDI ACE ID					
WHERE dma.REG	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			043902352	21 SOPAF)	
AND dma.MARK	_						
	AND dma.ASIN IN						
		1324258','0439023521')					
	,	, ,					
Ĺ							

D_MP_ASINS_ESSENTIALS			D_MP_ASIN_BRAND_MAN	IUFACTURER	
REGION_ID [PK:3]	NUMBER(2,0)	REGI	NUMBER(2,0)		
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	MAR	NUMBER		
ASIN [PK:1]	CHAR(10)	ASIN	CHAR(10)		
BASE_CURRENCY_CODE	VARCHAR2(15)	GL_PRODUCT_GROUP		NUMBER(10,0)	
CATEGORY_CODE	VARCHAR2(96)	BRAN	ND_CODE	CHAR(5)	
GL_PRODUCT_GROUP	NUMBER(10.0)	DDAN	ID NIAME	\\\DCH\D2\2\0\	
GL_PRODUCT_GROUP_DESC	W/hy	do we only get i	records hack fo	or two	
ITEM_NAME	•	, ,			
MSRP	ASINs	when our query	y was for four <i>i</i>	ASINs?	
MSRP_TAX_AMOUNT	NUIVIDEN(10,4)	Ovy	NINO_AFIADOU_IAVIAIF	VANCHANZ(Z40)	
PRODUCT_AVAILABLE_DAY	DATE	SRC_BRAND_CODE V		VARCHAR2(5)	
PRODUCT_SITE_LAUNCH_DAY	DATE	RC_PUBLISHER_CODE		VARCHAR2(50)	
PRODUCT_TIER_ID	VARCHAR2(50)	IS_DELETED		CHAR(1)	
PUBLICATIC SELECT			ATION_DATE	DATE	
STREET_DA dma.ASIN			_UPDATED	DATE	
SUBCATEGO, dmam.MANUF.	ACTURER_CODE				
DW_CREAT FROM D_MP_ASINS_ESSENTIALS (dma /			
DW_LAST_U JOIN D_MP_ASIN_BRAND_MANU		FACTURER dmam	ACINI NAANII	IFACTURER CORE	
IS_DELETED ON dma.ASIN = dmam.ASIN				JFACTURER_CODE	
VERSION AND dma.REGION_ID = dmam.REGION_ID				1401324258 HYPNT	
AND dma.MARKETPLACE_ID = dmam.MARKETPLACE_ID			0439023521 SOPAI	,	
WHERE dma.REG	GION_ID = 1				
AND dma.MARK	ETPLACE_ID = 1				
AND dma.ASIN I		V			
('3406512941','(

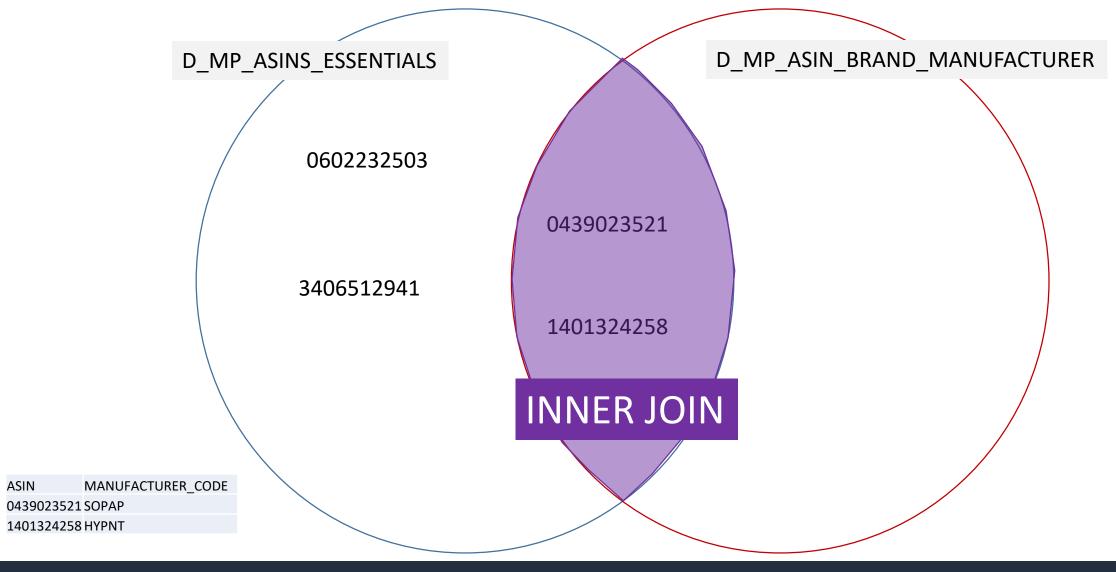


Inner Vs Outer Join

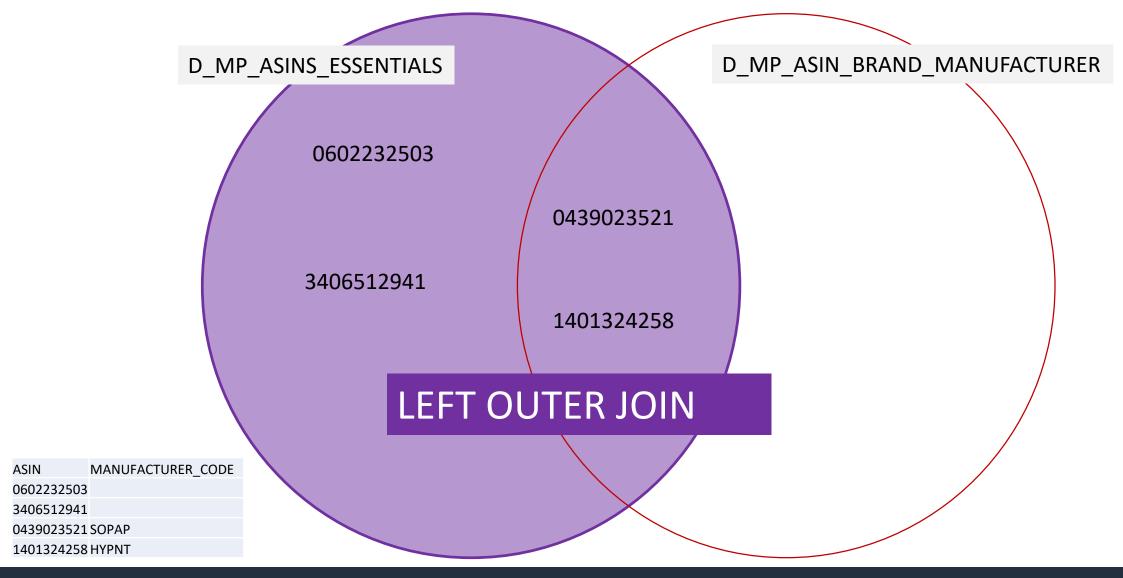
It's ALL about the JOIN type



Inner Join



Inner Vs Outer Join



WHERE Clause Conditions

With or Without OUTER Joins

WHERE Clause Conditions w/ OUTER Joins

D_MP_ASINS_ESSENTIALS			D_MP_AS	N_BRAND_MANUFACTURER		
REGION_ID [PK:3]		NUMBER(2,0)		REGION_ID [Part:1] [PK:3]		NUMBER(2,0)
MARKETPLACE_ID [PK:2] NUMBER(38,0)			MARKETPLACE_ID [Part:2] [PK:2]		NUMBER	
ASIN [PK:1] CHAR(10)			ASIN [PK:1]		CHAR(10)	
BASE_CURRENCY_CODE VARCHAR2		VARCHAR2(15)		GL_PRODUCT_GROUP		NUMBER(10,0)
CATEGORY_CODE \		VARCHAR2(96)		BRAND_CODE		CHAR(5)
GL_PRODUCT_GROU	IP	NUMBER(10,0)		BRAND_NAME		VARCHAR2(240)
GL_PRODUCT_GROU	IP_DESC	VARCHAR2(100)		MANUFACTURER	_CODE	CHAR(5)
ITEM_NAME		VARCHAR2(400)		MANUFACTURER	_NAME	VARCHAR2(240)
MSRP		NUMBER(18,4)		OWNING_VENDO	OR_CODE	CHAR(5)
MSRP_TAX_AMOUN	Т	NUMBER(18,4)		OWNING_VENDO	DR_NAME	VARCHAR2(240)
PRODUCT_AVAILABL	DUCT_AVAILABLE_DAY DATE			SRC_BRAND_CODE		VARCHAR2(5)
PRODUCT_SITE_LAU	NCH DVA	DATE		SDC DUBUISHED	CODE	VARCHAR2(50)
PRODUCT_TIER_ID	SELECT					CHAR(1)
PUBLICATION_DAY	dma.ASII	N			ATE	DATE
STREET_DAY	•	MANUFACTURER_			ED	DATE
SUBCATEGORY_COL	FROM D_MP_ASINS_ESSENTIALS dma					
DW_CREATION_DAT	ON dma.ASIN = dmam.ASIN AND dma.REGION_ID = dmam.REGION_ID					
DW_LAST_UPDATED						
IS_DELETED						
VERSION	AND dma.MARKETPLACE_ID = dmam.MARKETPLACE_ID					
	WHERE dma.REGION_ID = 1					
		AND dma.MARKETPLACE_ID = 1				
	AND dma.ASIN IN ('3406512941','0602232503','1401324258','0439023521')					
	(340651	2941,060223250	U3 , 1401324258 , 04390	JZ35ZI)		
	,					

WHERE Clause Conditions w/ OUTER Joins

D_MP_ASINS_ESSENTIALS		D_	MP_ASIN_BRAND_MAN	UFACTURER	
REGION_ID [PK:3] NUMBER(2,0)		REGION_I	D [Part:1] [PK:3]	NUMBER(2,0)	
MARKETPLACE_ID [PK:2]	NUMBER(38,0)	MARKETP	LACE_ID [Part:2] [PK:2]	NUMBER	
ASIN [PK:1]	CHAR(10)	ASIN [PK:1	.]	CHAR(10)	
BASE_CURRENCY_CODE VARCHAR2(15)		GL_PROD	JCT_GROUP	NUMBER(10,0)	
CATEGORY_CODE VARCHAR2(96)		BRAND_CODE		CHAR(5)	
GL_PRODUCT_GROUP NUMBER(10,0)		BRAND_N	AME	VARCHAR2(240)	
GL_PRODUCT_GROUP_DESC	VARCHAR2(100)	MANUFAC	TURER_CODE	CHAR(5)	
ITEM_NAME	VARCHAR2(400)	MANUFAC	CTURER_NAME	VARCHAR2(240)	
MSRP	NIIMRER(18 4)	OWNING	VENDOR_CODE	CHAR(5)	
MSRP_TAX_AM SELECT			NDOR_NAME	VARCHAR2(240)	
PRODUCT_AVAI dma.ASIN	CODE	VARCHAR2(5)			
PRODUCT_SITE_ , dmam.MANUFACTURER_CODE PRODUCT_TIER FROM D_MP_ASINS_ESSENTIALS dma PUBLICATION_C LEFT JOIN D_MP_ASIN_BRAND_MANUFACTURER dmam			ER_CODE	VARCHAR2(50)	
				CHAR(1)	
			N_DATE	DATE	
STREET_DAY ON dma.ASIN = dmam.ASIN			DATED	DATE	
SUBCATEGORY AND dma.REGION_ID = dmam.REGION_ID DW_CREATION DW_LAST_UPD AND dma.REGION_ID = dmam.MARKETPLACE_ID WHERE dma.REGION_ID = 1					
IS DELETED AND dma.N	MARKETPLACE_ID =	: 1	ASIN MAN	UFACTURER_CODE	
VERSION (2406F130	-	1401224258	0602232503		
(54005129	41,0002232303,	1401324258','0439023521')	3406512941		
,			0439023521 SOPA	AP	
			1401324258 HYPN	NT 🖊 🌘	

One - to - Many Joins

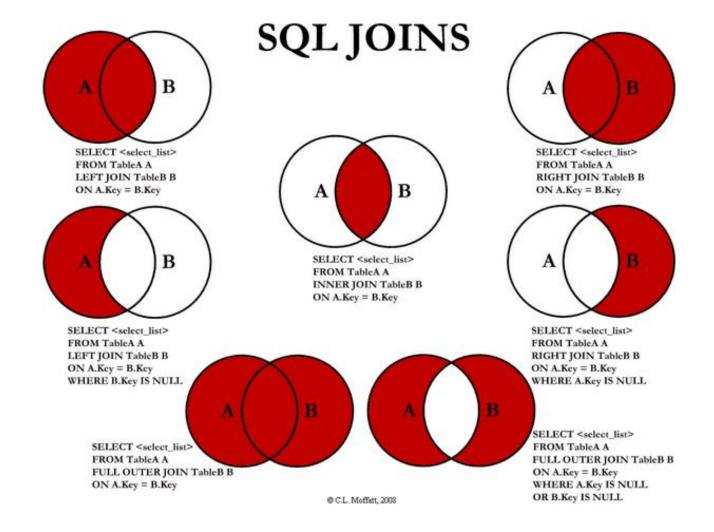
One-to-Many Joins

```
SELECT
doi.ORDER ID
, doi.ISBN
, doi.QUANTITY SUBMITTED
, doi.QUANTITY
, dsi.QUANTITY_UNPACKED
FROM D_DISTRIBUTOR_ORDER_ITEMS doi
JOIN D_DISTRIBUTOR_SHIPMENT_ITEMS dsi
ON doi.ORDER_ID = dsi.ORDER_ID
AND doi.ISBN = dsi.ISBN
WHERE doi.REGION ID = 1
AND doi.ORDER DAY = to date('20090115','YYYYMMDD')
AND doi.ORDER_ID = 'L9549101'
AND dsi.REGION ID = 1
AND dsi.RECEIVED DAY = to date('20090119','YYYYMMDD')
```

D_DISTRIBUTOR_ORDERS is at the grain of POs. That means it contains just one row of data for each Purchase Order. The related table D_DISTRIBUTOR_ORDER_ITEMS is at the grain of the PO and ASIN, so it has one row for each unique combination of PO and ASIN. The partially related table, D_DISTRIBUTOR_SHIPMENT_ITEMS contains all the records of PO items that have been received, and its grain is PO, ASIN and Shipment – because a single ASIN can be received to a single PO on multiple occasions. Knowing the grain of a table (usually by looking at some sample data) is important to understand how to properly join tables.

If we join D_DISTRIBUTOR_ORDER_ITEMS (with a grain of PO/ASIN) to D_DISTRIBUTOR_SHIPMENT_ITEMS (with a grain of PO/ASIN/Shipment) on the PO and ASIN columns (ORDER_ID and ISBN), the results look straightforward for PO L9549101.

ORDER_ID	ISBN	QUANTITY_SUBMITTED	QUANTITY	QUANTITY_UNPACKED
L9549101	0316032220	40	40	40





Lesson 4 - Assignment

- 1. Check out the tables D_MP_ASINS_ESSENTIALS and D_ASINS_MARKETPLACE_ATTRIBUTES in BI Metadata. What are the Partitioned columns in each table? What do you think the grain is of each table? Which table includes the BINDING column? Which table contains the ITEM_NAME column?
- 2. Write a single query, joining those two tables together, to determine the name and binding of ASIN 0385240880 in the Marketplace related to your business. Be sure to make use of Partitions in your WHERE clause. Run it through Explain Plan, then run it.
- 3. Edit the query to add the Manufacturer Code for the ASIN. Be sure to make use of Partitions. Run it through Explain Plan then run the query. (hint: Look at the first example query from week 3, in the ETL section).
- 4. Create a query to pull the Vendor Code, Vendor Name, Business Group ID and Business Group Name for Vendor ID 3453. Run it through Explain Plan then run the query. (hint: check out the first example query from week 4.)
- 5. Edit the query to pull a list of all Business IDs and Business Group Names for Canada that do not match to any Vendor Codes. Run it through Explain Plan then run the query. (hint: look for records where the VENDOR_ID IS NULL).
- 6. Create a query that emails you every day with ASIN level details (including PO, Vendor, ASIN, and Quantity) of all receipts to POs for vendor BATBO in the US. Let it run daily for a few days. Since D_DISTRIBUTOR_SHIPMENT_ITEMS is partitioned by RECEIVED_DAY (in addition to REGION_ID), but we haven't covered Dates yet, please include this in your WHERE clause: AND RECEIVED_DAY = TO_DATE('{RUN_DATE_YYYYMMDD}','YYYYMMDD'), in addition to a condition on the other partitioned column. Run it through Explain Plan before you schedule it.

END