

OE.ORDER_ITEMS		
PF *	ORDER_ID	NUMBER (12)
P *	LINE_ITEM_ID	NUMBER (3)
F *	PRODUCT_ID	NUMBER (6)
	UNIT_PRICE	NUMBER (8,2)
	QUANTITY	NUMBER (8)
ORDER_ITEMS_PK (ORDER_ID, LINE_ITEM_ID)		
ORDER_ITEMS_ORDER_ID_FK (ORDER_ID)		
ORDER_ITEMS_PRODUCT_ID_FK (PRODUCT_ID)		
ITEM_ORDER_IX (ORDER_ID)		
ITEM_PRODUCT_IX (PRODUCT_ID)		
ORDER_ITEMS_PK (ORDER_ID, LINE_ITEM_ID)		
ORDER_ITEMS_UK (ORDER_ID, PRODUCT_ID)		

OE.ORDERS		
P *	ORDER_ID	NUMBER (12)
	ORDER_DATE	TIMESTAMP WITH LOCAL TIME ZONE
	ORDER_MODE	VARCHAR2 (8 BYTE)
F *	CUSTOMER_ID	NUMBER (6)
	ORDER_STATUS	NUMBER (2)
	ORDER_TOTAL	NUMBER (8,2)
	SALES_REP_ID	NUMBER (6)
	PROMOTION_ID	NUMBER (6)
ORDER_PK (ORDER_ID)		
ORDERS_CUSTOMER_ID_FK (CUSTOMER_ID)		
ORDERS_SALES_REP_FK (SALES_REP_ID)		
ORDER_PK (ORDER_ID)		
ORD_CUSTOMER_IX (CUSTOMER_ID)		
ORD_ORDER_DATE_IX (ORDER_DATE)		
ORD_SALES_REP_IX (SALES_REP_ID)		

OE.PRODUCT_INFORMATION		
P *	PRODUCT_ID	NUMBER (6)
	PRODUCT_NAME	VARCHAR2 (50 BYTE)
	PRODUCT_DESCRIPTION	VARCHAR2 (2000 BYTE)
	CATEGORY_ID	NUMBER (2)
	WEIGHT_CLASS	NUMBER (1)
	WARRANTY_PERIOD	INTERVAL YEAR TO MONTH
	SUPPLIER_ID	NUMBER (6)
	PRODUCT_STATUS	VARCHAR2 (20 BYTE)
	LIST_PRICE	NUMBER (8,2)
	MIN_PRICE	NUMBER (8,2)
	CATALOG_URL	VARCHAR2 (50 BYTE)
PRODUCT_INFORMATION_PK (PRODUCT_ID)		
PRODUCT_INFORMATION_PK (PRODUCT_ID)		
PROD_SUPPLIER_IX (SUPPLIER_ID)		

OE.CUSTOMERS		
P *	CUSTOMER_ID	NUMBER (6)
	CUST_FIRST_NAME	VARCHAR2 (20 BYTE)
	CUST_LAST_NAME	VARCHAR2 (20 BYTE)
	CUST_ADDRESS	CUST_ADDRESS_TYP
	PHONE_NUMBERS	PHONE_LIST_TYP
	NLS_LANGUAGE	VARCHAR2 (3 BYTE)
	NLS_TERRITORY	VARCHAR2 (30 BYTE)
	CREDIT_LIMIT	NUMBER (9,2)
	CUST_EMAIL	VARCHAR2 (40 BYTE)
F	ACCOUNT_MGR_ID	NUMBER (6)
	CUST_GEO_LOCATION	SDO_GEOMETRY
	DATE_OF_BIRTH	DATE
	MARITAL_STATUS	VARCHAR2 (20 BYTE)
	GENDER	VARCHAR2 (1 BYTE)
	INCOME_LEVEL	VARCHAR2 (20 BYTE)
CUSTOMERS_PK (CUSTOMER_ID)		
CUSTOMERS_ACCOUNT_MANAGER_FK (ACCOUNT_MGR_ID)		
CUSTOMERS_PK (CUSTOMER_ID)		
CUST_ACCOUNT_MANAGER_IX (ACCOUNT_MGR_ID)		
CUST_EMAIL_IX (CUST_EMAIL)		
CUST_LNAME_IX (CUST_LAST_NAME)		
CUST_UPPER_NAME_IX (UPPER("CUST_LAST_NAME"), UPPER("CUST_FIRST_NAME"))		

OE.INVENTORIES		
PF *	PRODUCT_ID	NUMBER (6)
PF *	WAREHOUSE_ID	NUMBER (3)
	QUANTITY_ON_HAND	NUMBER (8)
INVENTORY_PK (PRODUCT_ID, WAREHOUSE_ID)		
INVENTORIES_PRODUCT_ID_FK (PRODUCT_ID)		
INVENTORIES_WAREHOUSES_FK (WAREHOUSE_ID)		
INVENTORY_IX (WAREHOUSE_ID, PRODUCT_ID)		
INV_PRODUCT_IX (PRODUCT_ID)		

OE.PRODUCT_DESCRIPTIONS		
PF *	PRODUCT_ID	NUMBER (6)
P *	LANGUAGE_ID	VARCHAR2 (3 BYTE)
	TRANSLATED_NAME	NVARCHAR2 (50)
	TRANSLATED_DESCRIPTION	NVARCHAR2 (2000)
PRODUCT_DESCRIPTIONS_PK (PRODUCT_ID, LANGUAGE_ID)		
PD_PRODUCT_ID_FK (PRODUCT_ID)		
PRD_DESC_PK (PRODUCT_ID, LANGUAGE_ID)		
PRD_NAME_IX (TRANSLATED_NAME)		

OE.WAREHOUSES		
P *	WAREHOUSE_ID	NUMBER (3)
	WAREHOUSE_SPEC	XMLTYPE
	WAREHOUSE_NAME	VARCHAR2 (35 BYTE)
F	LOCATION_ID	NUMBER (4)
	WH_GEO_LOCATION	SDO_GEOMETRY
WAREHOUSES_PK (WAREHOUSE_ID)		
WAREHOUSES_LOCATION_FK (LOCATION_ID)		
WAREHOUSES_PK (WAREHOUSE_ID)		
WHS_LOCATION_IX (LOCATION_ID)		

OE.ACCOUNT_MANAGERS		
ACCT_MGR	NUMBER (6)	
REGION	NUMBER	
COUNTRY	CHAR (2 BYTE)	
PROVINCE	VARCHAR2 (10 BYTE)	
NUM_CUSTOMERS	NUMBER	
CUSTOMERS		

OE.BOMBAY_INVENTORY		
PRODUCT_ID	NUMBER (6)	
PRODUCT_NAME	NUMBER (2)	
QUANTITY_ON_HAND	NUMBER (8)	
INVENTORIES		
WAREHOUSES		
PRODUCTS		

OE.CUSTOMERS_VIEW		
CUSTOMER_ID	NUMBER (6)	
CUST_FIRST_NAME	VARCHAR2 (20 BYTE)	
CUST_LAST_NAME	VARCHAR2 (20 BYTE)	
STREET_ADDRESS	VARCHAR2 (3 BYTE)	
POSTAL_CODE	VARCHAR2 (30 BYTE)	
CITY	NUMBER (9,2)	
STATE_PROVINCE	VARCHAR2 (40 BYTE)	
COUNTRY_ID	NUMBER (6)	
COUNTRY_NAME	VARCHAR2 (40 BYTE)	
REGION_ID	NUMBER	
NLS_LANGUAGE	VARCHAR2 (3 BYTE)	
NLS_TERRITORY	VARCHAR2 (30 BYTE)	
CREDIT_LIMIT	NUMBER (9, 2)	
CUST_EMAIL	VARCHAR2 (40 BYTE)	
PRIMARY_PHONE_NUMBER	VARCHAR2 (100 BYTE)	
PHONE_NUMBER_2	VARCHAR2 (100 BYTE)	
PHONE_NUMBER_3	VARCHAR2 (100 BYTE)	
PHONE_NUMBER_4	VARCHAR2 (100 BYTE)	
PHONE_NUMBER_5	VARCHAR2 (100 BYTE)	
ACCOUNT_MGR_ID	NUMBER (6)	
LOCATION_GTYPE	NUMBER	
LOCATION_SRID	NUMBER	
LOCATION_X	NUMBER	
LOCATION_Y	NUMBER	
LOCATION_Z	NUMBER	
CUSTOMERS		

OE.OC_CORPORATE_CUSTOMERS (CORPORATE_CUSTOMER_TYP)		
ACCOUNT_MGR_ID	NUMERIC (6)	
CUSTOMERS		
ORDER_ITEMS		
ORDERS		

OE.OC_CUSTOMERS (CUSTOMER_TYP)		
CUSTOMER_ID	NUMERIC (6)	
CUST_FIRST_NAME	VARCHAR (20)	
CUST_LAST_NAME	VARCHAR (20)	
CUST_ADDRESS	CUST_ADDRESS_TYP	
PHONE_NUMBERS	PHONE_LIST_TYP	
NLS_LANGUAGE	VARCHAR (3)	
NLS_TERRITORY	VARCHAR (40)	
CREDIT_LIMIT	NUMERIC (9, 2)	
CUST_EMAIL	VARCHAR (40)	
CUST_ORDERS	ORDER_LIST_TYP	
CUSTOMERS		
ORDER_ITEMS		
ORDERS		

OE.OC_INVENTORIES (INVENTORY_TYP)		
PRODUCT_ID	NUMERIC (6)	
WAREHOUSE	WAREHOUSE_TYP	
QUANTITY_ON_HAND	NUMERIC (8)	
INVENTORIES		
WAREHOUSES		

OE.OC_ORDERS (ORDER_TYP)		
ORDER_ID	NUMERIC (12)	
ORDER_MODE	VARCHAR (8)	
CUSTOMER_REF	REF CUSTOMER_TYP	
ORDER_STATUS	NUMERIC (2)	
ORDER_TOTAL	NUMERIC (8, 2)	
SALES_REP_ID	NUMERIC (6)	
ORDER_ITEM_LIST	ORDER_ITEM_LIST_TYP	
ORDERS		
ORDER_ITEMS		

OE.OC_PRODUCT_INFORMATION (PRODUCT_INFORMATION_TYP)		
PRODUCT_ID	NUMERIC (6)	
PRODUCT_NAME	VARCHAR (50)	
PRODUCT_DESCRIPTION	VARCHAR (2000)	
CATEGORY_ID	NUMERIC (2)	
WEIGHT_CLASS	NUMERIC (1)	
WARRANTY_PERIOD	INTERVAL YEAR TO MONTH (2)	
SUPPLIER_ID	NUMERIC (6)	
PRODUCT_STATUS	VARCHAR (20)	
LIST_PRICE	NUMERIC (8, 2)	
MIN_PRICE	NUMERIC (8, 2)	
CATALOG_URL	VARCHAR (50)	
INVENTORY_LIST	INVENTORY_LIST_TYP	
PRODUCT_INFORMATION		
OC_INVENTORIES		

OE.ORDERS_VIEW		
ORDER_ID	NUMBER (12)	
ORDER_DATE	VARCHAR2 (8 BYTE)	
ORDER_MODE	NUMBER (6)	
CUSTOMER_ID	NUMBER (2)	
ORDER_STATUS	NUMBER (8,2)	
ORDER_TOTAL	NUMBER (6)	
SALES_REP_ID	NUMBER (6)	
PROMOTION_ID	NUMBER (6)	
ORDERS		

OE.PRODUCTS		
PRODUCT_ID	NUMBER (6)	
LANGUAGE_ID	VARCHAR2 (3 BYTE)	
PRODUCT_NAME	NUMBER (2)	
CATEGORY_ID	NUMBER (1)	
PRODUCT_DESCRIPTION	INTERVAL YEAR TO MONTH	
WEIGHT_CLASS	NUMBER (6)	
WARRANTY_PERIOD	VARCHAR2 (20 BYTE)	
SUPPLIER_ID	NUMBER (8,2)	
PRODUCT_STATUS	NUMBER (8,2)	
LIST_PRICE	VARCHAR2 (50 BYTE)	
MIN_PRICE	NUMBER (8, 2)	
CATALOG_URL	VARCHAR2 (50 BYTE)	
PRODUCT_INFORMATION		
PRODUCT_DESCRIPTIONS		

OE.PRODUCT_PRICES		
CATEGORY_ID	NUMBER (2)	
#_OF_PRODUCTS	NUMBER	
LOW_PRICE	NUMBER	
HIGH_PRICE	NUMBER	
PRODUCT_INFORMATION		

OE.SYDNEY_INVENTORY		
PRODUCT_ID	NUMBER (6)	
PRODUCT_NAME	NUMBER (2)	
QUANTITY_ON_HAND	NUMBER (8)	
INVENTORIES		
WAREHOUSES		
PRODUCTS		

OE.TORONTO_INVENTORY		
PRODUCT_ID	NUMBER (6)	
PRODUCT_NAME	NUMBER (2)	
QUANTITY_ON_HAND	NUMBER (8)	
INVENTORIES		
WAREHOUSES		
PRODUCTS		

OE.CATEGORIES_TAB (CATEGORY_TYP)		
CATEGORY_NAME	VARCHAR2 (50)	
CATEGORY_DESCRIPTION	VARCHAR2 (1000)	
P *	CATEGORY_ID	NUMBER (2)
	PARENT_CATEGORY_ID	NUMBER (2)
CATEGORIES_TAB_PK (CATEGORY_ID)		

OE.PURCHASEORDER (XMLTYPE)		
ACTION_TABLE_MEMBERS ("XMLDATA"."ACTIONS"."ACTION")		
LINEITEM_TABLE_MEMBERS ("XMLDATA"."LINEITEMS"."LINEITEM")		

OE.PROMOTIONS		
P *	PROMO_ID	NUMBER (6)
	PROMO_NAME	VARCHAR2 (20 BYTE)
PROMO_ID_PK (PROMO_ID)		
PROMO_ID_PK (PROMO_ID)		