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)
F		SALES_REP_ID	NUMBER (6)
F		PROMOTION_ID	NUMBER (6)

- 🔑 ORDER_PK (ORDER_ID)
- 🔑 ORDERS_CUSTOMER_ID_FK (CUSTOMER_ID)
- 🔑 ORDERS_PROMOTIONS_FK (PROMOTION_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.PROMOTIONS

P	*	PROMO_ID	NUMBER (6)
		PROMO_NAME	VARCHAR2 (200 BYTE)
		PROMO_CATEGORY	VARCHAR2 (200 BYTE)

- 🔑 PROMO_ID_PK (PROMO_ID)
- 🔷 PROMO_ID_PK (PROMO_ID)

OE.CUSTOMERS

P	*	CUSTOMER_ID	NUMBER (6)
	*	CUST_FIRST_NAME	VARCHAR2 (20 BYTE)
	*	CUST_LAST_NAME	VARCHAR2 (20 BYTE)
		CUST_ADDRESS	UNKNOWN
		PHONE_NUMBERS	UNKNOWN
		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.PRODUCT_INFORMATION

P	*	PRODUCT_ID	NUMBER (6)
		PRODUCT_NAME	VARCHAR2 (50 BYTE)
		PRODUCT_DESCRIPTION	VARCHAR2 (2000 BYTE)
F		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_CATEGORY_FK (CATEGORY_ID)
- 🔷 PRODUCT_INFORMATION_PK (PRODUCT_ID) ▼

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)

HR.EMPLOYEES

P	*	EMPLOYEE_ID	NUMBER (6)
		FIRST_NAME	VARCHAR2 (20 BYTE)
	*	LAST_NAME	VARCHAR2 (25 BYTE)
U	*	EMAIL	VARCHAR2 (25 BYTE)
		PHONE_NUMBER	VARCHAR2 (20 BYTE)
		HIRE_DATE	DATE
F	*	JOB_ID	VARCHAR2 (10 BYTE)
		SALARY	NUMBER (8,2)
		COMMISSION_PCT	NUMBER (2,2)
F		MANAGER_ID	NUMBER (6)
F		DEPARTMENT_ID	NUMBER (4)

- 🔷 EMP_EMAIL_UK (EMAIL)
- 🔑 EMP_EMP_ID_PK (EMPLOYEE_ID)
- 🔑 EMP_DEPT_FK (DEPARTMENT_ID)
- 🔑 EMP_JOB_FK (JOB_ID)
- 🔑 EMP_MANAGER_FK (MANAGER_ID)
- 🔷 EMP_DEPARTMENT_IX (DEPARTMENT_ID)
- 🔷 EMP_EMAIL_UK (EMAIL)
- 🔷 EMP_EMP_ID_PK (EMPLOYEE_ID)
- 🔷 EMP_JOB_IX (JOB_ID)
- 🔷 EMP_MANAGER_IX (MANAGER_ID)
- 🔷 EMP_NAME_IX (LAST_NAME, 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)
- 🔷 PROD_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) ▼