Assignment 3 - Database model (dev.)

Group: A2

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Database table structure is defined as follow

TOTAL ROW COUNT : 372000

CATEGORIES: 15 Rows

CATEGORY_ID	NUMBER (38,0)
CATEGORY_NAME	VARCHAR2(100 BYTE)

BRANDS: 2000 Rows

BRAND_ID	NUMBER (38,0)
BRAND_NAME	VARCHAR2(100 BYTE)

PRODUCTS: 45000 Rows

PRODUCT_ID	NUMBER(38,0)
BRAND_ID	NUMBER(38,0)
CATEGORY_ID	NUMBER(38,0)
MODEL_YEAR	NUMBER(38,0)
LIST_PRICE	NUMBER(25,2)
PRODUCT_NAME	VARCHAR2(25 BYTE)

CUSTOMERS: 20000 Rows

CUSTOMER_ID	NUMBER(38,0)
FIRST_NAME	VARCHAR2(100 BYTE)
LAST_NAME	VARCHAR2(100 BYTE)
PHONE	VARCHAR2(100 BYTE)
EMAIL	VARCHAR2(100 BYTE)
STREET	VARCHAR2(255 BYTE)
CITY	VARCHAR2(255 BYTE)
STATE	VARCHAR2(255 BYTE)
ZIP_CODE	VARCHAR2(50 BYTE)

STORES: 10000 Rows

STORE_ID	NUMBER(38,0)
STORE_NAME	VARCHAR2(255 BYTE)
PHONE	VARCHAR2(100 BYTE)
EMAIL	VARCHAR2(100 BYTE)
STREET	VARCHAR2(255 BYTE)
CITY	VARCHAR2(255 BYTE)
STATE	VARCHAR2(255 BYTE)
ZIP_CODE	VARCHAR2(50 BYTE)

STAFFS: 60000 Rows

STAFF_ID	NUMBER(38,0)
FIRST_NAME	VARCHAR2(255 BYTE)
LAST_NAME	VARCHAR2(255 BYTE)
PHONE	VARCHAR2(100 BYTE)
EMAIL	VARCHAR2(100 BYTE)
STORE_ID	NUMBER(38,0)
MANAGER_ID	NUMBER(38,0)
ACTIVE	NUMBER(3,0)

ORDERS: 70000 Rows

ORDER_ID	NUMBER(38,0)
CUSTOMER_ID	NUMBER(38,0)
ORDER_STATUS	NUMBER(38,0)
ORDER_DATE	VARCHAR2(20 BYTE)
REQUIRED_DATE	VARCHAR2(20 BYTE)
SHIPPED_DATE	VARCHAR2(20 BYTE)
STORE_ID	NUMBER(38,0)
STAFF_ID	NUMBER(38,0)

ORDER_ITEMS: 115000

ORDER_ID	NUMBER(38,0)
ITEM_ID	NUMBER(38,0)
PRODUCT_ID	NUMBER(38,0)
QUANTITY_ID	NUMBER(38,0)
DISCOUNT	NUMBER(2,2)

STOCKS: 50000

STORE_ID	NUMBER(38,0)
PRODUCT_ID	NUMBER(38,0)
QUANTITY	NUMBER(38,0)