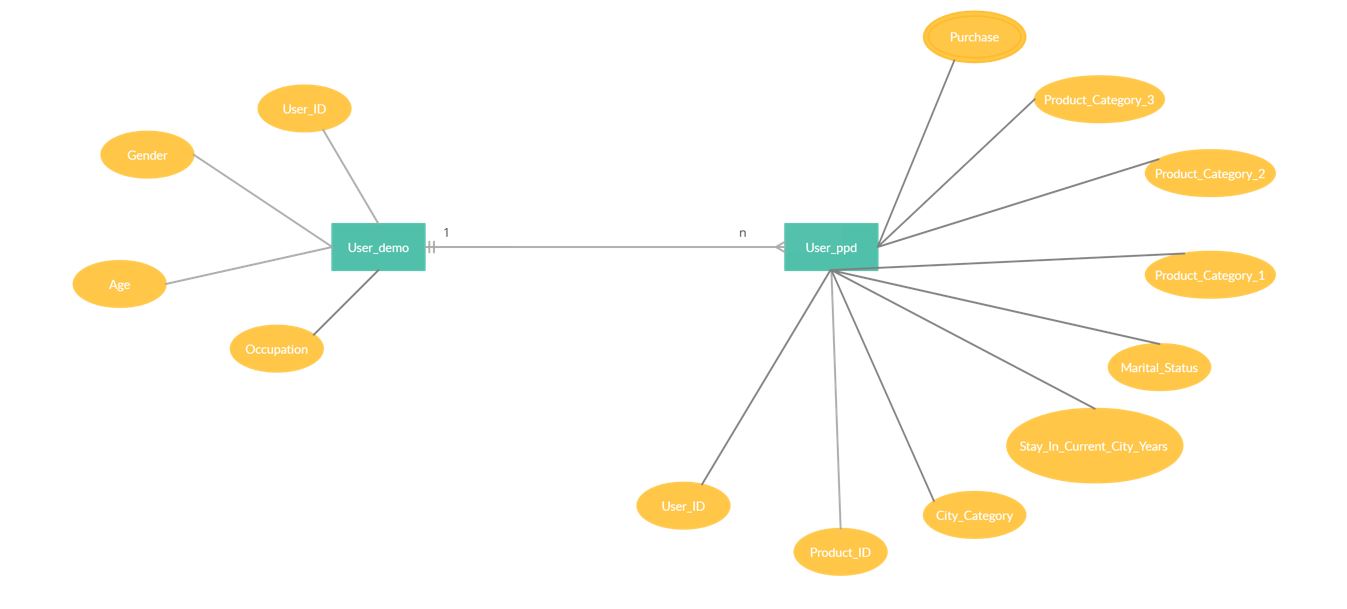
**TASK 1.2 (SQL-Oracle):**

**Stage 1:**

* **Construct an ER-Diagram for the above-mentioned Requirement**

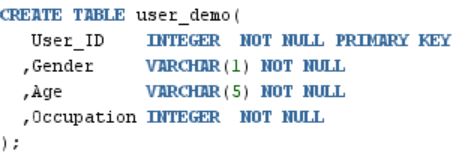


E-R DIAGRAM

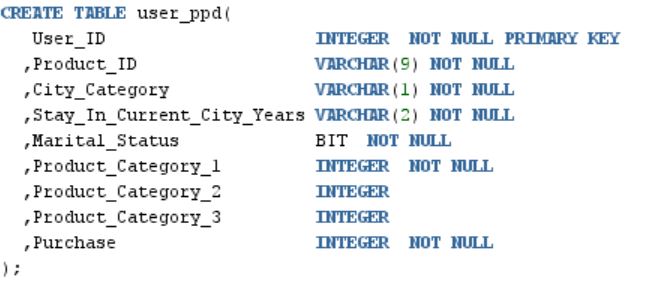


* **Construct Tables as per the ER-Diagram.**

-Create table user\_demo from user\_demographics dataset.

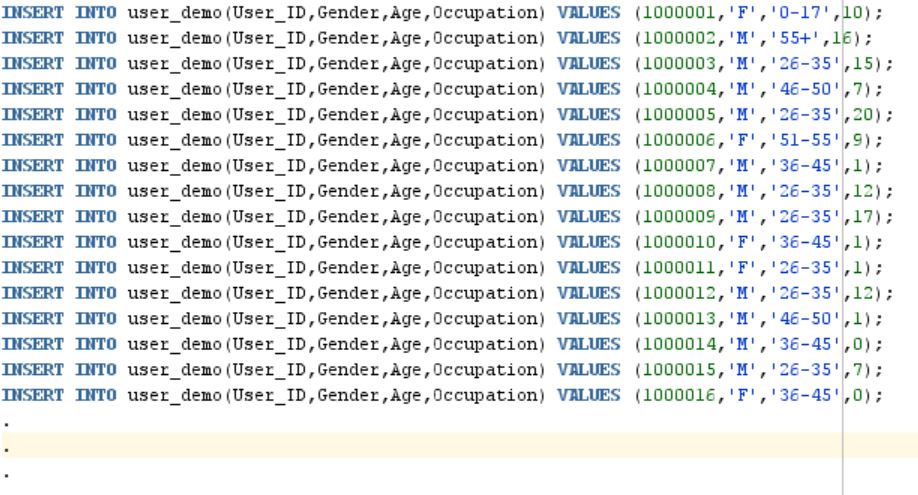


-Create table user\_ppd from user\_product\_purchase\_details dataset.

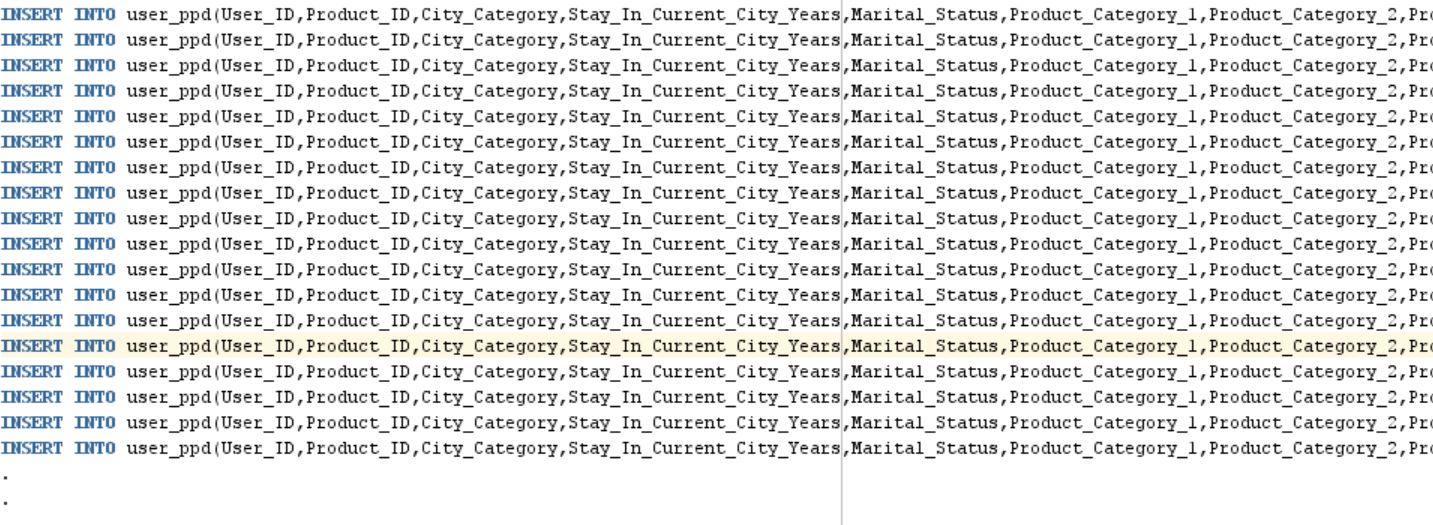


* **Identify the relationships between tables and use appropriate standards for the same where applicable**
* **Insert the appropriate data into the identified tables from the sample dataset provided.**

-Inset data into table user\_demo.



-Insert data into user\_ppd table.

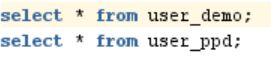


**Stage 2:**

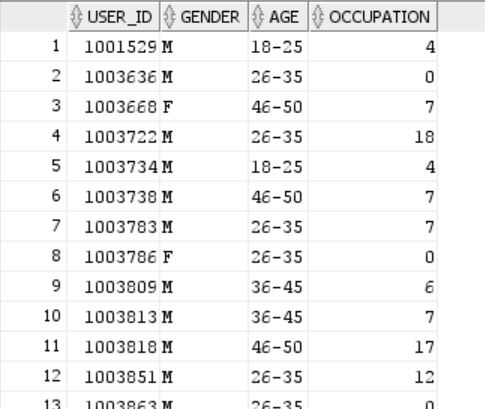
**Write SQL queries for below**

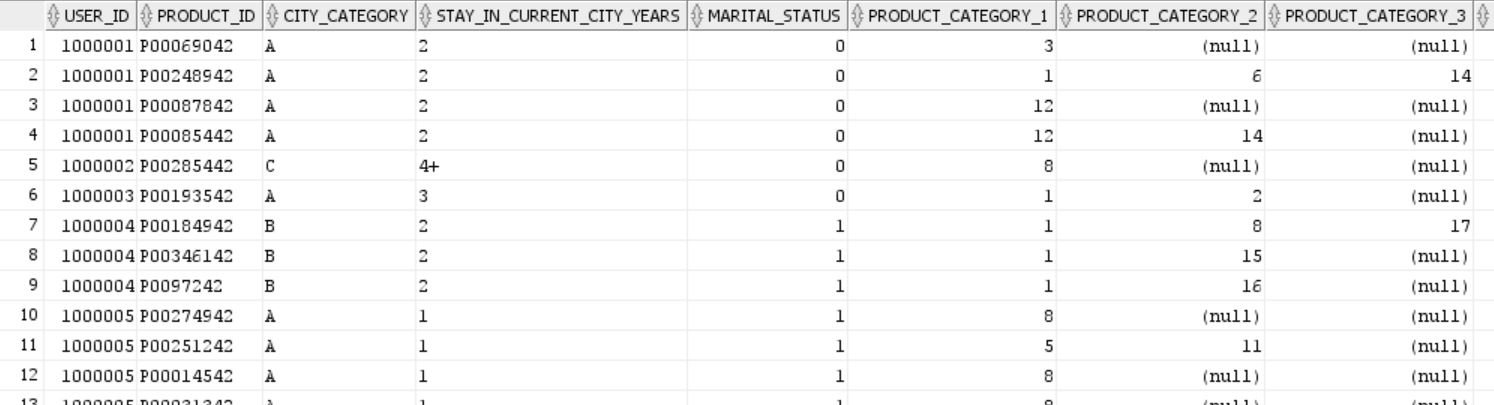
* Print tables user\_demo and user\_ppd

**INPUT:**



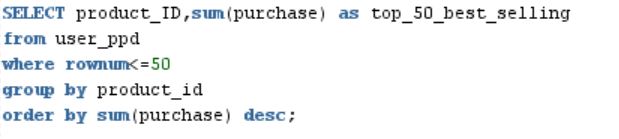
**OUTPUT:**



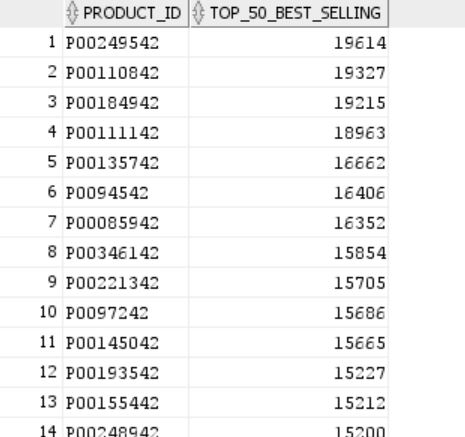


**1)TOP 50 best selling products**

**INPUT:**



**OUTPUT:**



**2) TOP best selling product categories**

**INPUT:**

**Graphical user interface, text, application

Description automatically generated**

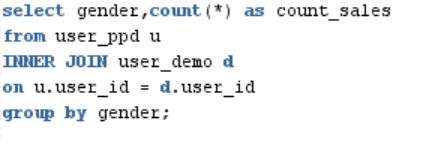
**OUTPUT:**

**Graphical user interface, text, application

Description automatically generated**

**3) count\_sales by gender**

**INPUT:**

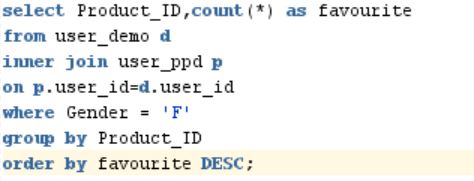


**OUTPUT:**

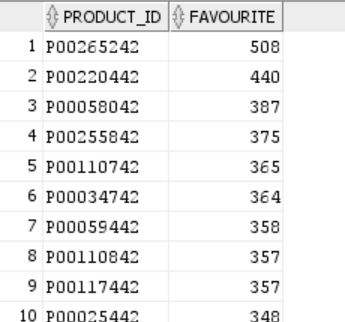


**4) Favourite products by gender(Female)**

**INPUT:**

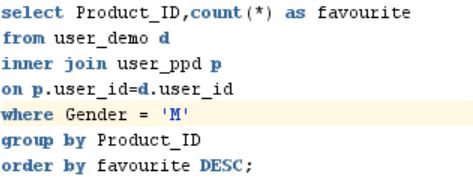
****

**OUTPUT:**

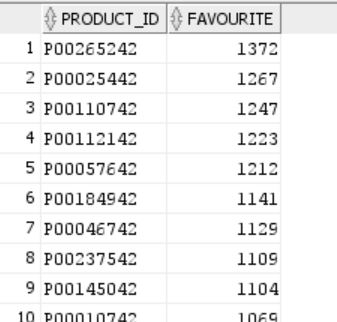


**5) Favourite products by gender(male)**

**INPUT:**

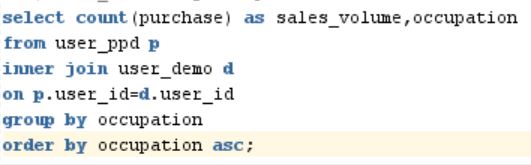


**OUTPUT:**

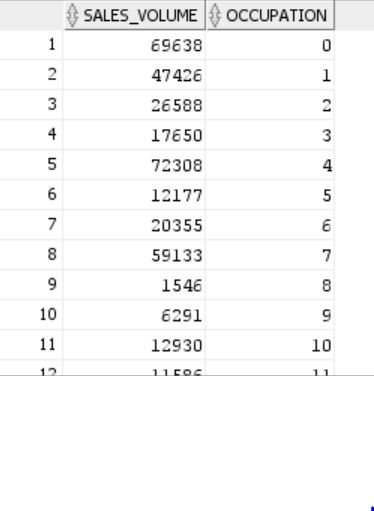


**6) sales\_volume by occupation**

**INPUT:**

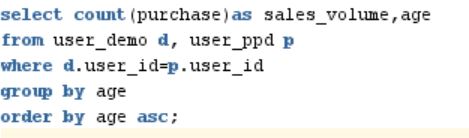


**OUTPUT:**

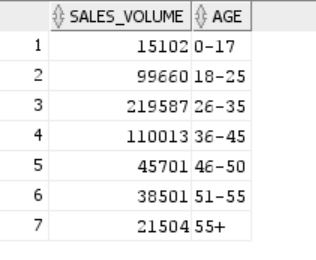


**7)sales\_volume by age**

**INPUT:**

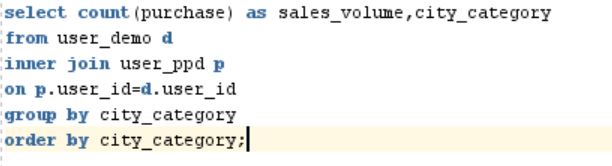


**OUTPUT:**

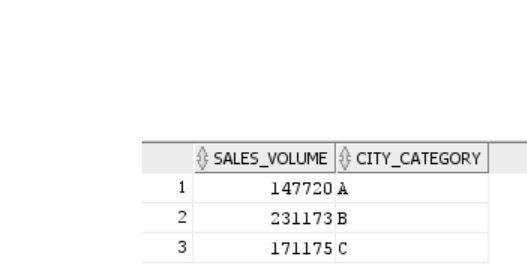


**8)sales\_volume by city category**

**INPUT:**

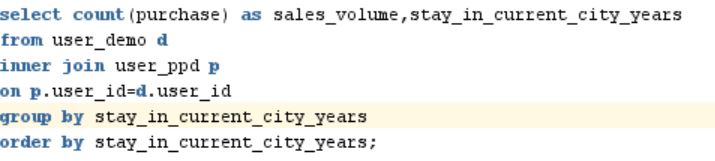


**OUTPUT:**

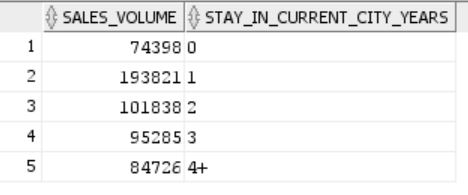


**9)sales\_volume by stay in city years**

**INPUT:**

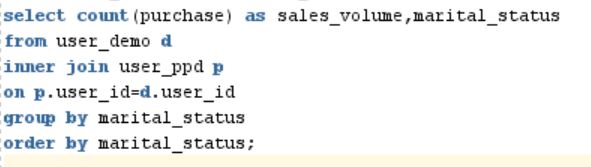


**OUTPUT:**

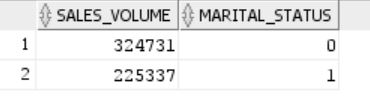


**10)sales\_volume by Marital\_Status**

**INPUT:**

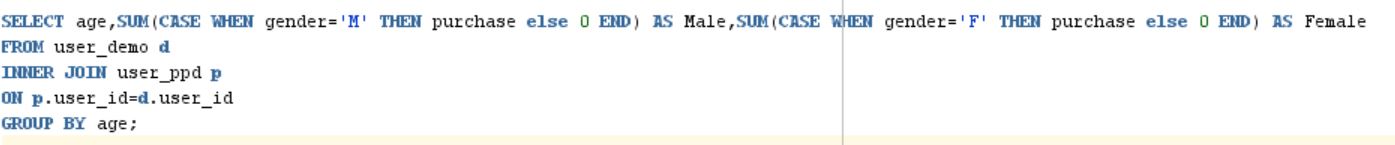


**OUTPUT:**

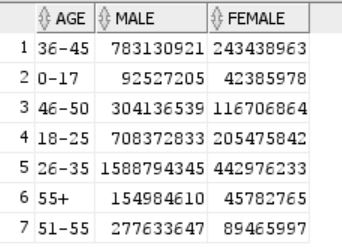


**11)purchase amount by age and gender**

**INPUT:**

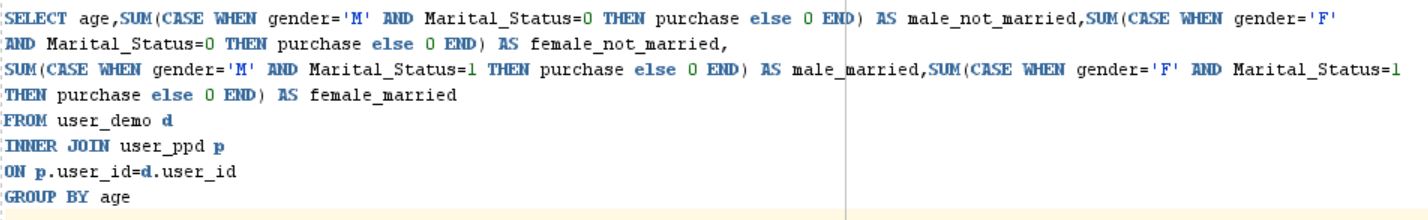


**OUTPUT:**



**12)purchase amount by age, gender and marital\_status**

**INPUT:**



**OUTPUT:**

