U2M3.LW.Subqueries

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https://github.com/VeraShkrabatouskaya/DataMola_Data-Camping-2022

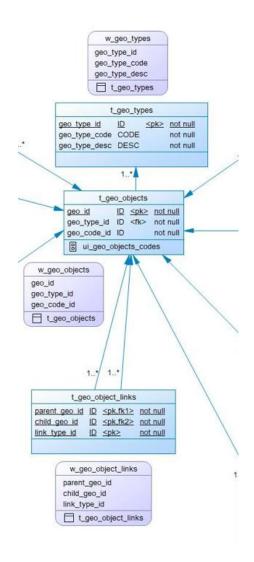
2. Business analyses tasks - Reports

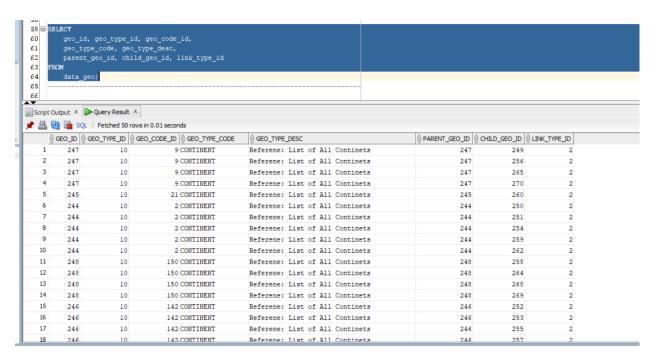
2.1. Task 01: Export Geo Location Reference

Create tablespace ts_geo_denormalized and user SB_MBackUp.

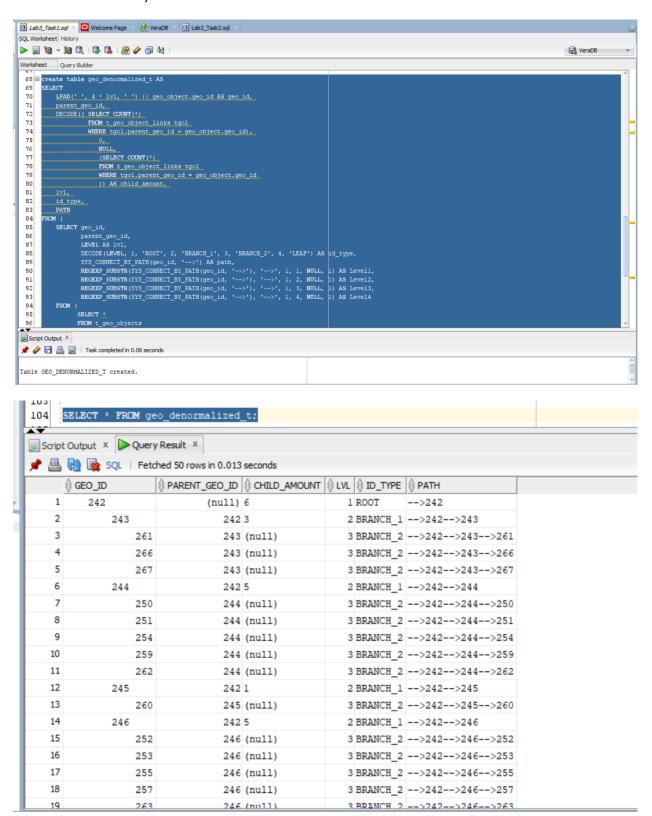
Create the table data_geo using left join.

As we can see, the table t_geo_object_links has parent_geo_id and child_geo_id.





Let's create a hierarchy for these tables.



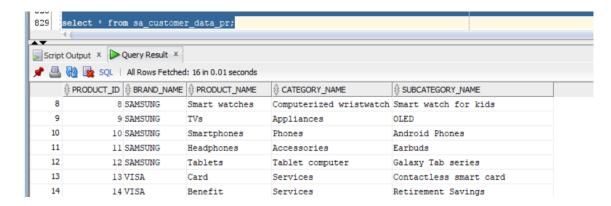
2.2. Task 02: Analyze Business hierarch Reference Analyses

Create table SA_CUSTOMER_DATA_pr on the tablespace ts_sa_customers_data_01.

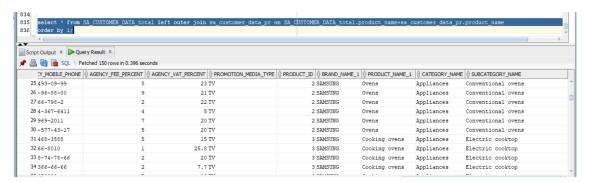
```
579 CREATE TABLE SA CUSTOMER DATA pr
580
581
          product_ID
                                 Number (10),
582
          brand name
                                 VARCHAR2 (50),
                                      VARCHAR2 (50),
583
          product name
584
          category name
                                 VARCHAR2 (50),
585
                                       VARCHAR2 (50)
          subcategory name
586
587
     TABLESPACE ts sa customers data 01:
Script Output X
📌 🥜 뒴 🖺 📘 | Task completed in 0.059 seconds
Table SA CUSTOMER DATA PR created.
```

Insert values into the table SA_CUSTOMER_DATA_pr.

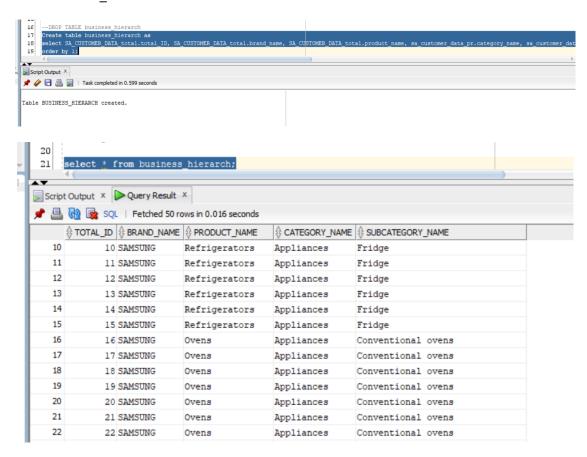
```
□ Lab3_Task1.sql · □ Welcome Page · ∰ VeraDB-port1521 · □ Lab3_Task2.sql · □ Lab 2_Tasks 03-05_Reports.sql · □ a__customers_generate.sql ·
SQL Worksheet History
Worksheet Query Builder
 805
      VALUES (
 807
      'VISA'.
 808
      'Benefit',
 810
 811 'Retirement Savings'
 812 );
 813
 814 INSERT INTO SA CUSTOMER DATA pr (
     product_ID,
brand_name,
product_name,
category_name,
subcategory_name
 815
 816
 817
 818
 819
 820
 821 VALUES (
      'VISA'.
 823
      'Service',
 824
 826 'Internet banks'
 Script Output X Deguery Result X
 📌 🧽 🖥 🚇 📓 | Task completed in 0.026 seconds
1 row inserted.
l row inserted.
l row inserted.
```



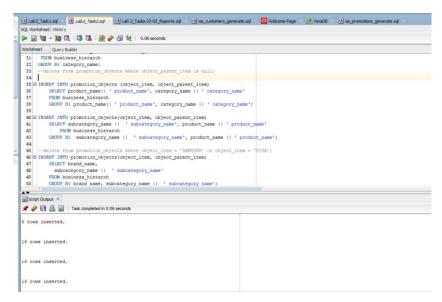
Let's join 2 tables SA_CUSTOMER_DATA_total and sa_customer_data_pr using a left join by product name in the ts_sa_customers_data_01 tablespace.

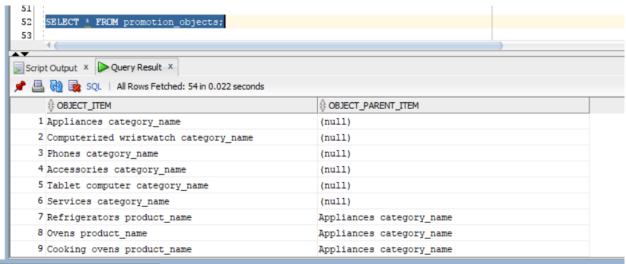


Create the business_hierarch table.



Create the table promotion objects with parent and child values.





Let's create a table showing the hierarchy by category of products participating in promotions.

