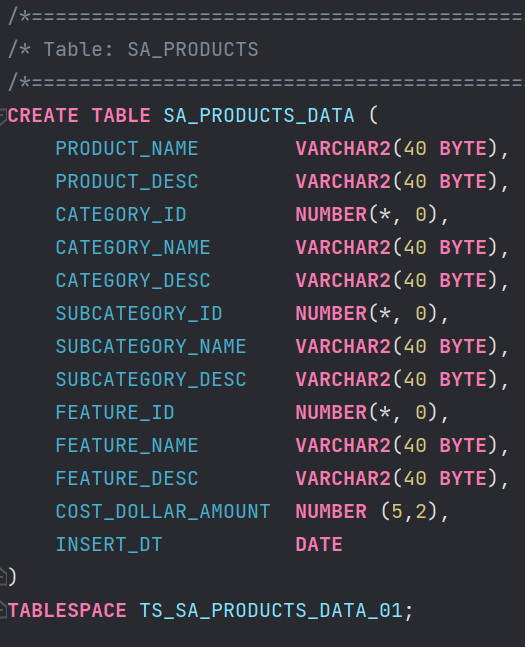
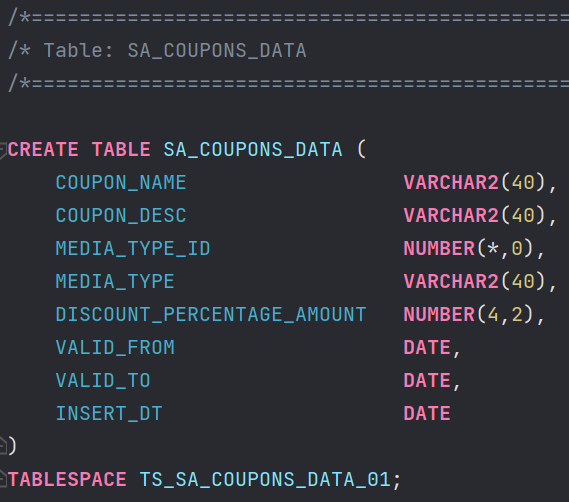
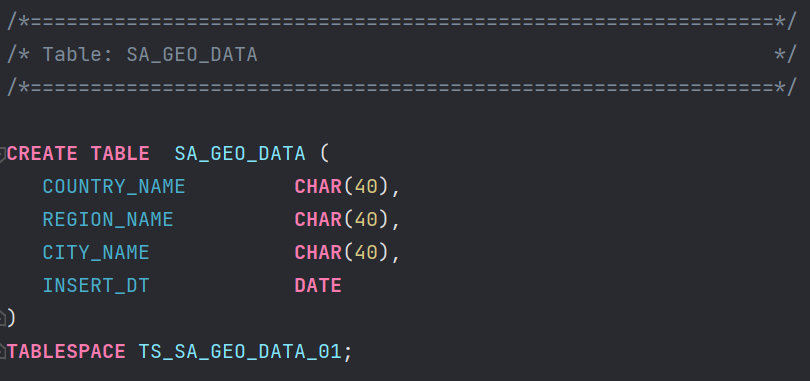
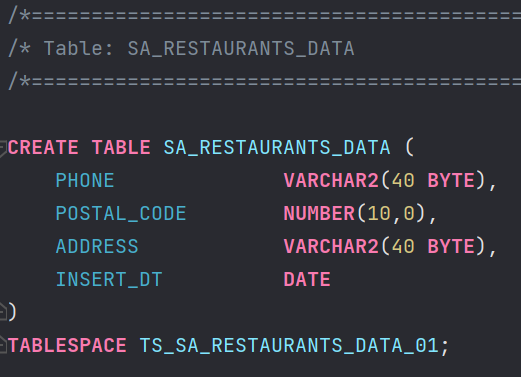
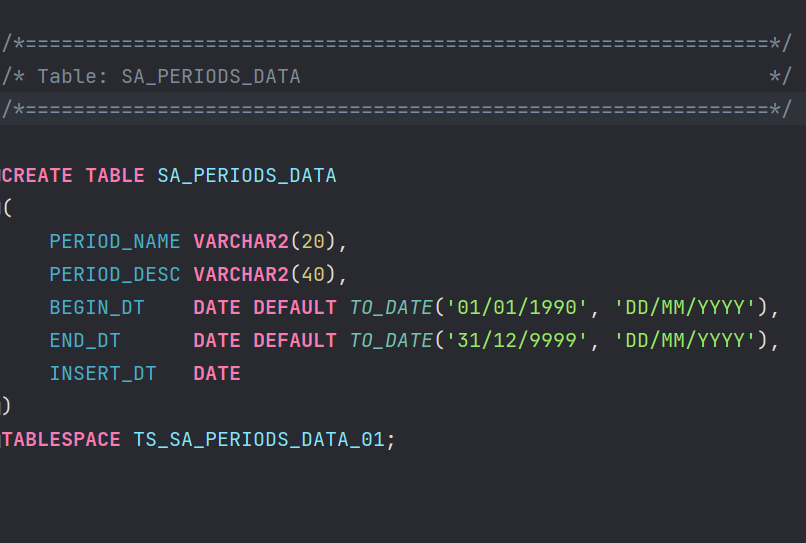
U2M1.LW.Core SQL

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Mastykina Elizaveta

# 2.1. Task 01: CREATE Storage Objects





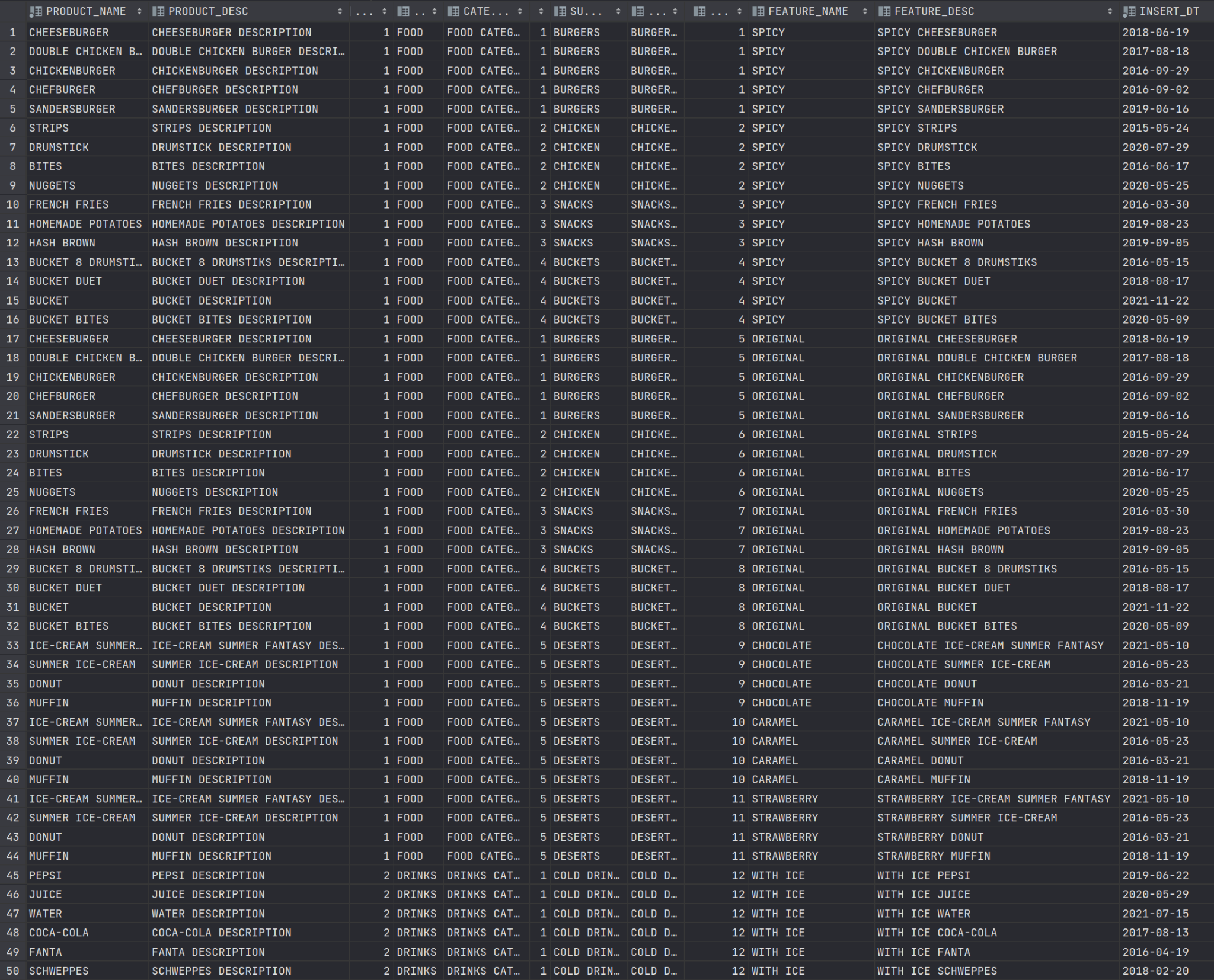
# 2.2. Task 02: Generate Test Data in Storage Layers

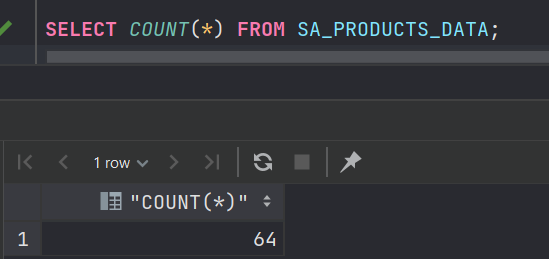
Data generation for SA\_PRODUCTS\_DATA:

Data about products, categories, subcategories was generated by python utility (code is stored on github ) in csv-format.

To add all possible combinations of products and features I create CTE statement and LEFT JOIN.

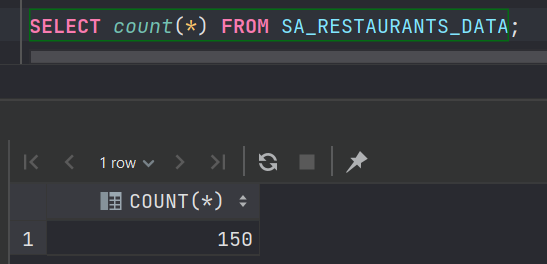
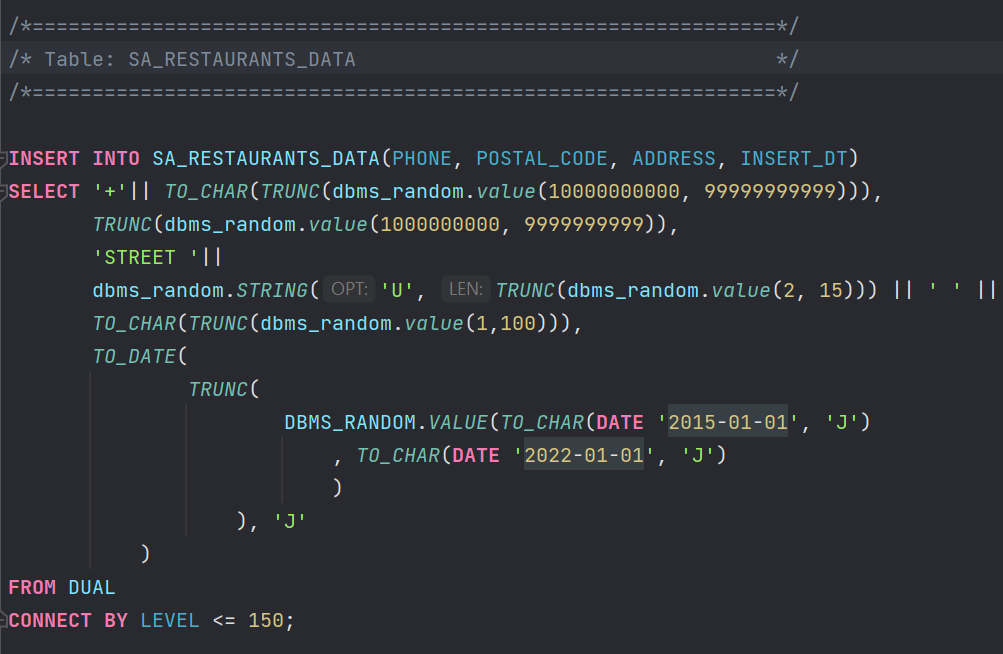
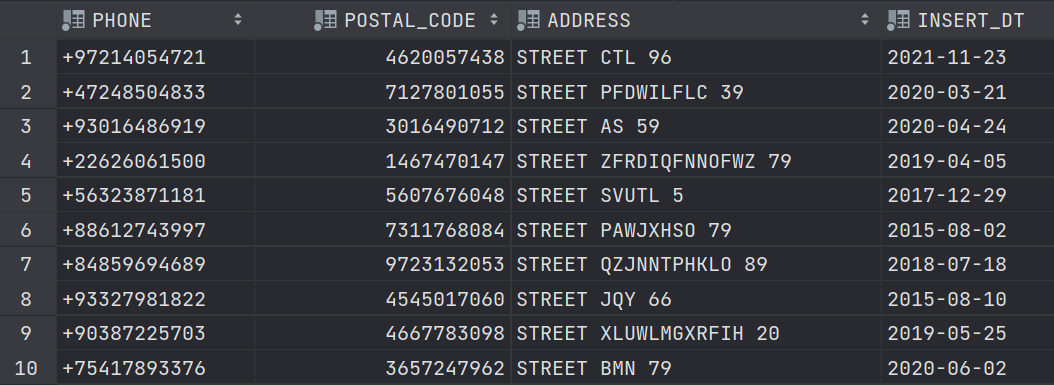
Result-screenshots:





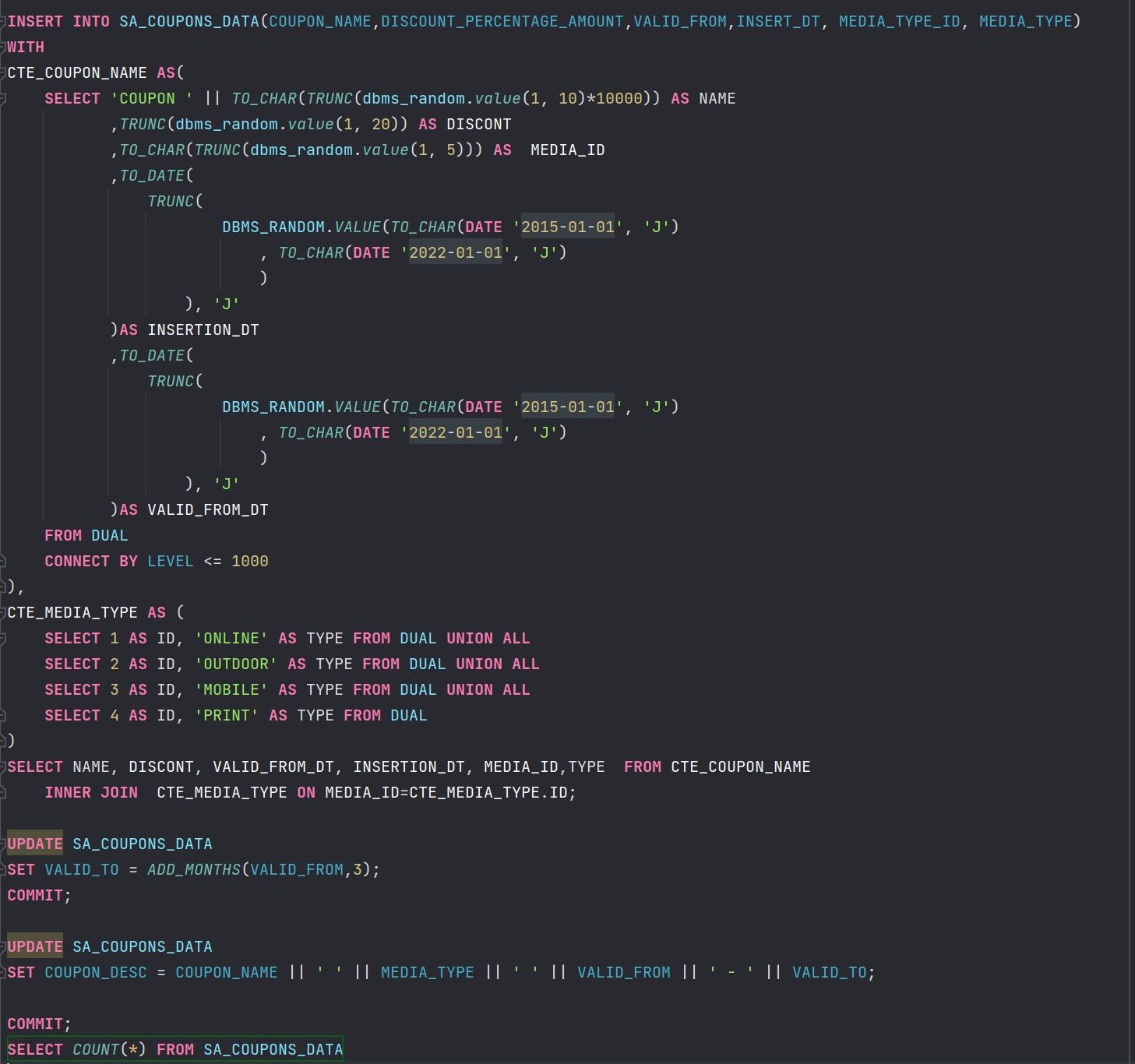
Data generation for SA\_RESTAURANTS\_DATA:

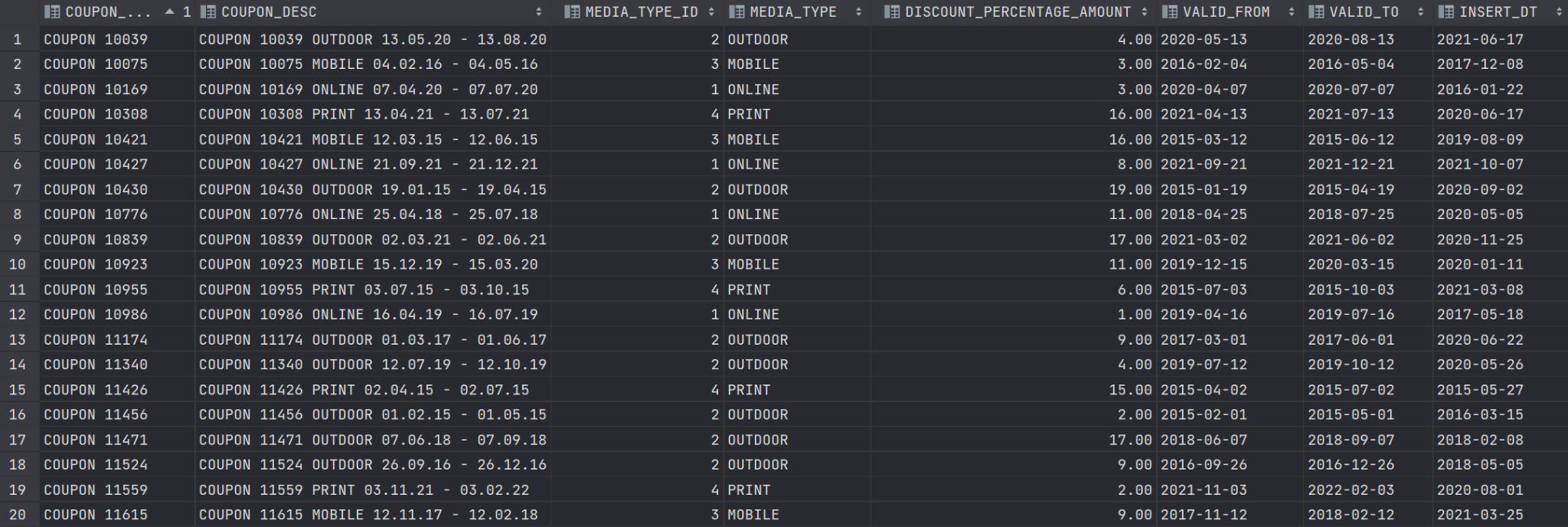
Result-screenshots:

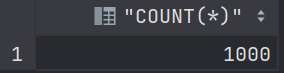


Data generation for SA\_COUPONS\_DATA:

Result-screenshots:



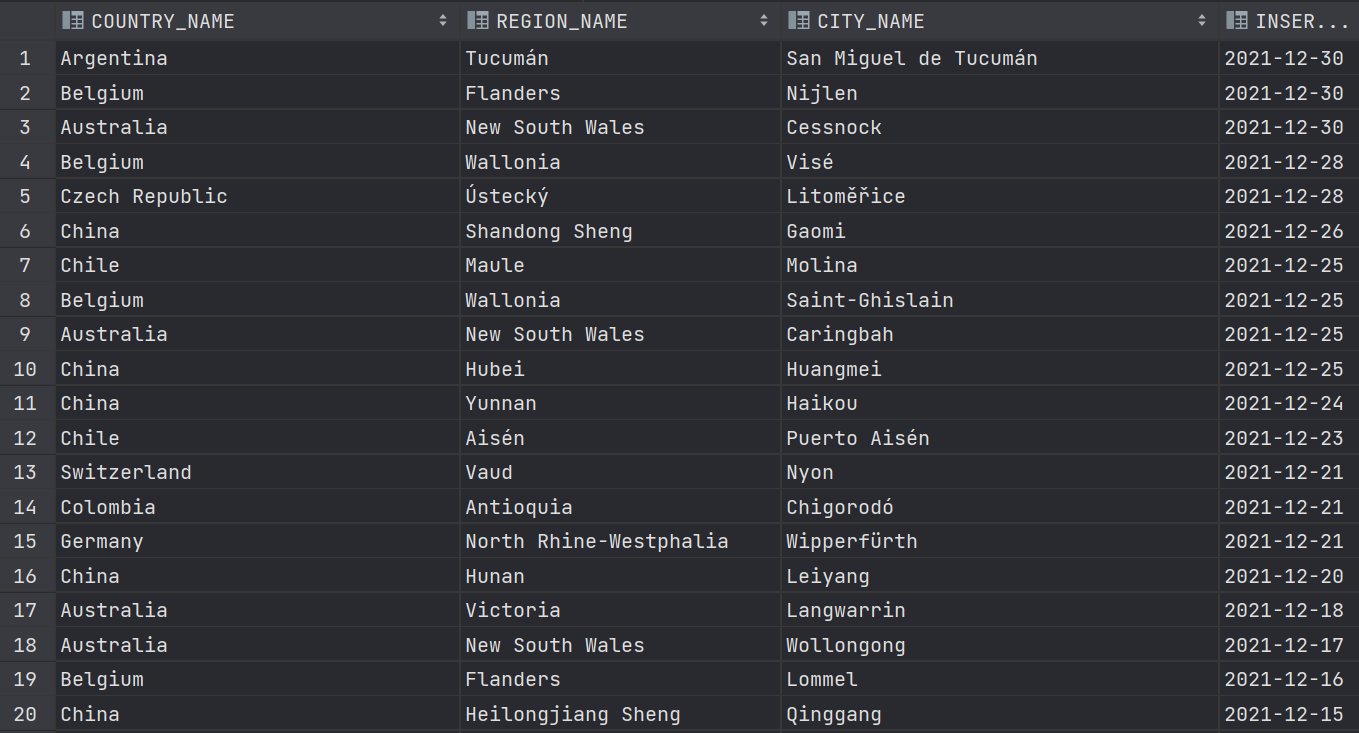




Data generation for SA\_GEO\_DATA:

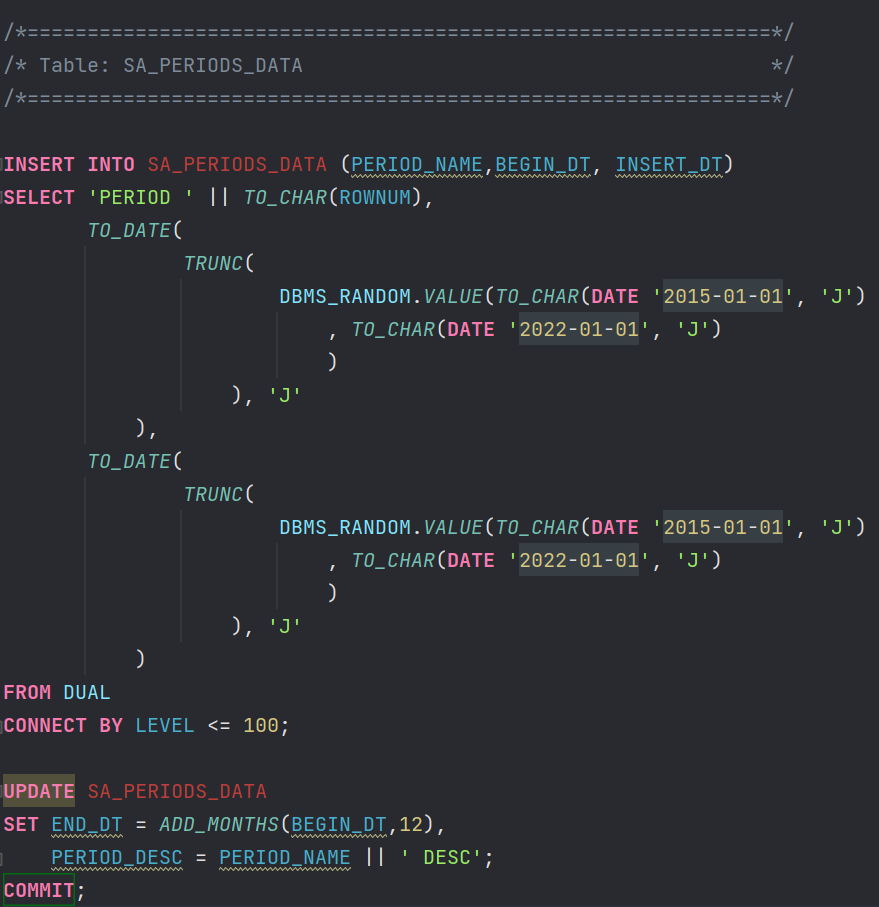
Was loaded from the source csv file.

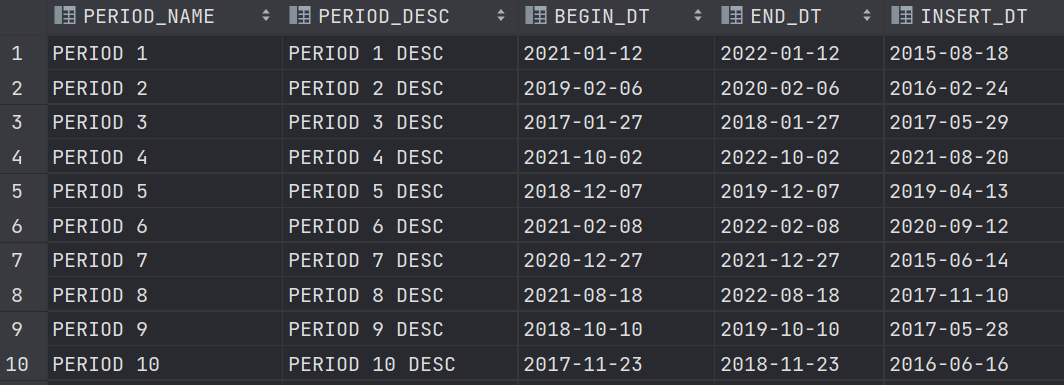
Result-screenshots:



Data generation for SA\_PERIODS\_DATA:

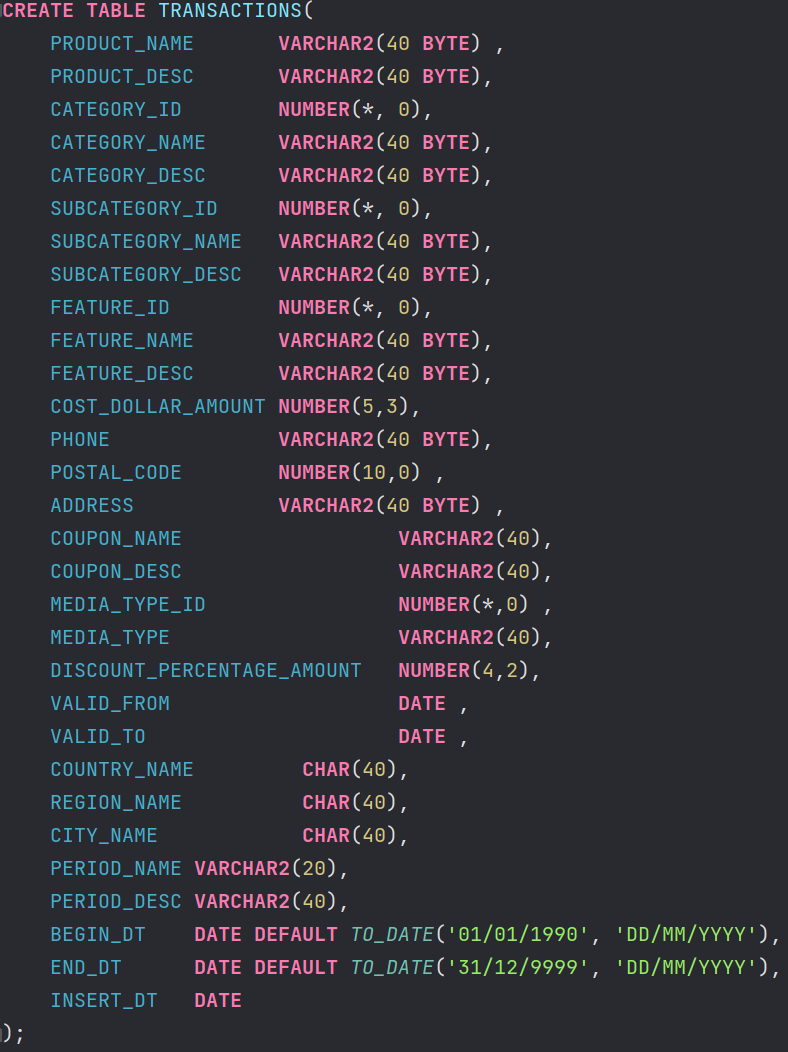
Result-screenshots:



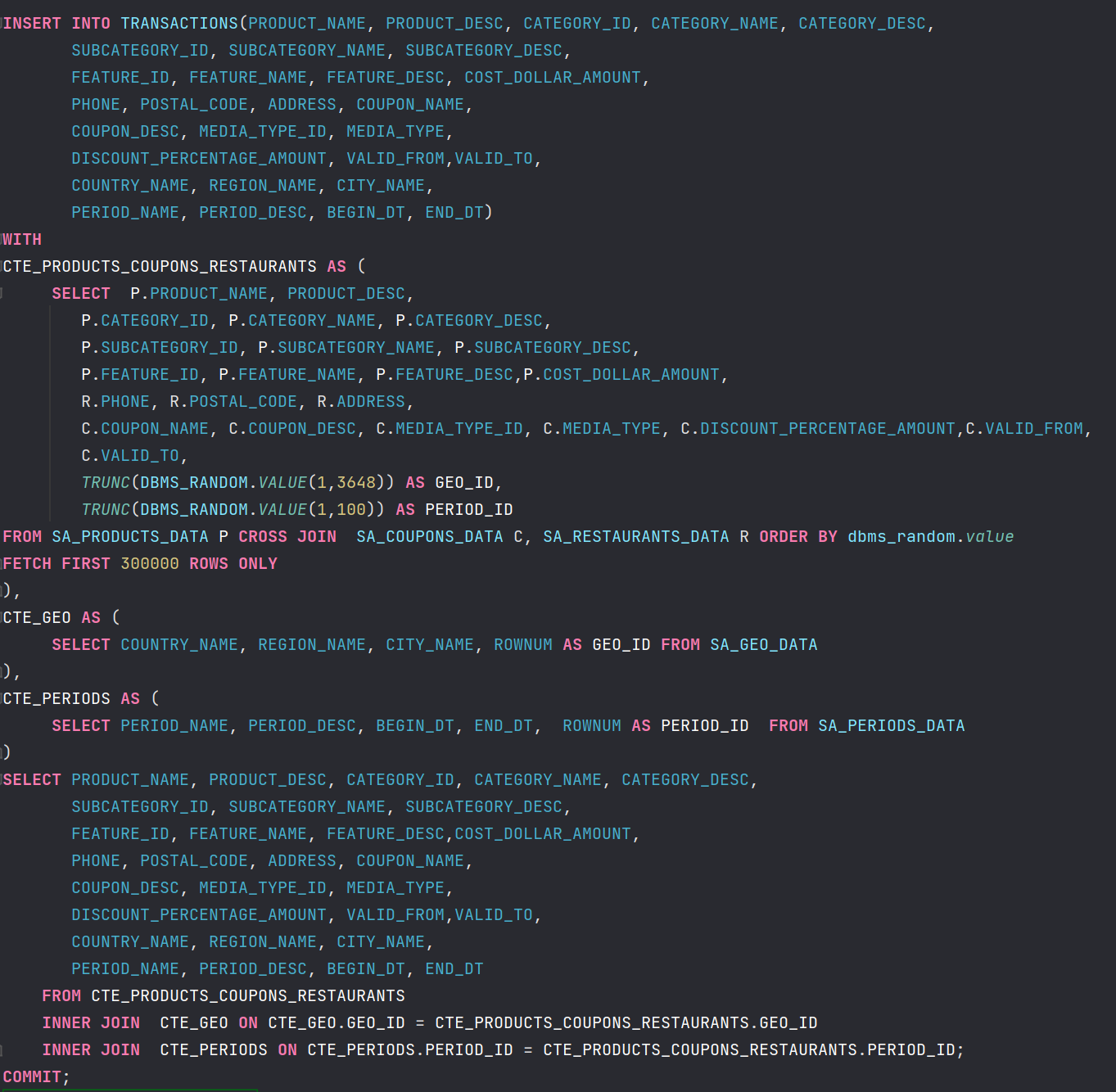


2.3. Task 03: Create Group by Plan

Transactions table structure:



Population of the table with data:



Examples of using group by plan:

