# Result Task 01: Test Star Data

* + SCD2 Dimension tests – Repeatable, Content

**DIM\_LOCATIONS\_SCD - SCD2 Dimension**

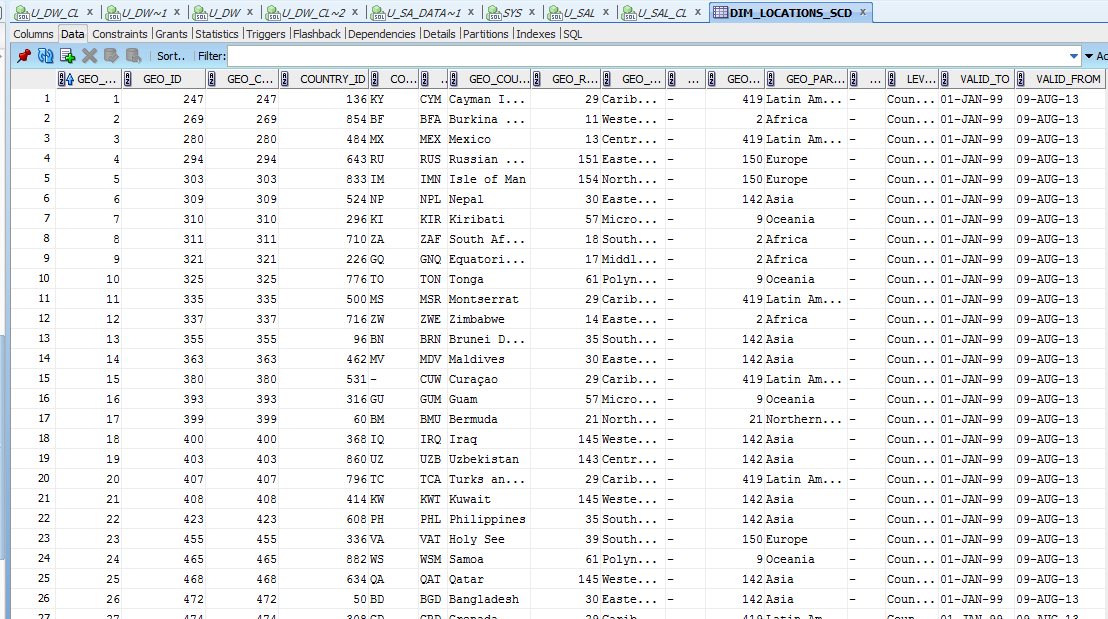
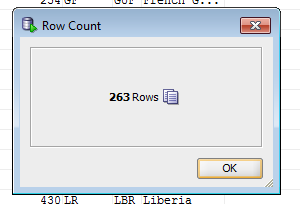


Table is not changed after multiple startup procedure



BEGIN

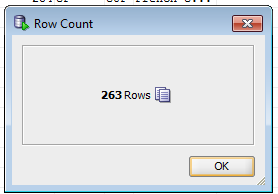
pkg\_load\_dim\_location.load\_location;

END;

BEGIN

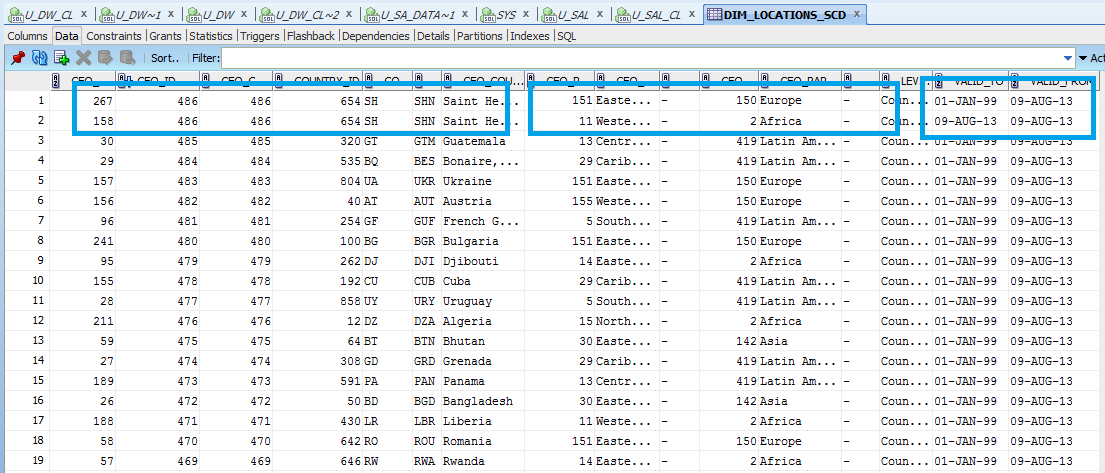
pkg\_load\_dim\_location.load\_location;

END;



After updating the data in the source table and restart the package data is changed at star-level.

History of changes data is stored in the table:



**DIM\_CURRENCY\_SCD - SCD2 Dimension**

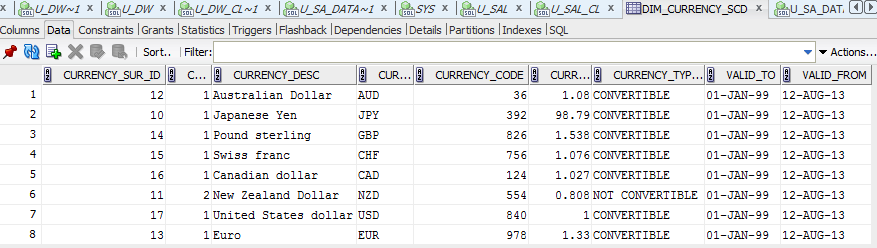
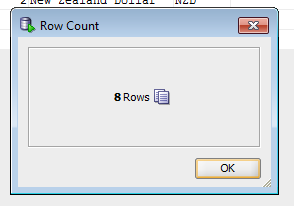


Table is not changed after multiple startup procedure



BEGIN

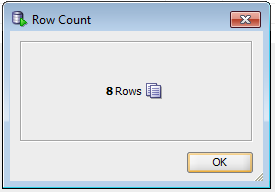
pkg\_load\_dim\_currency\_sal.load\_currency;

END;

BEGIN

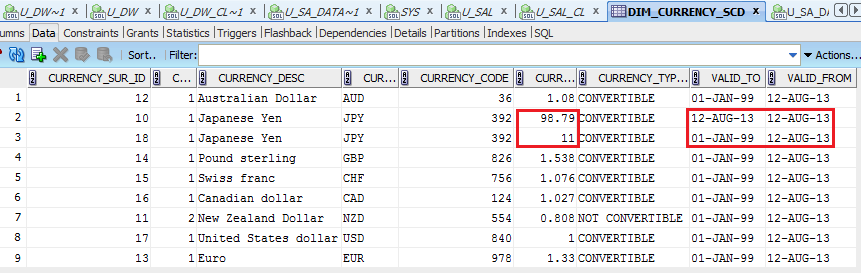
pkg\_load\_dim\_currency\_sal.load\_currency;

END;



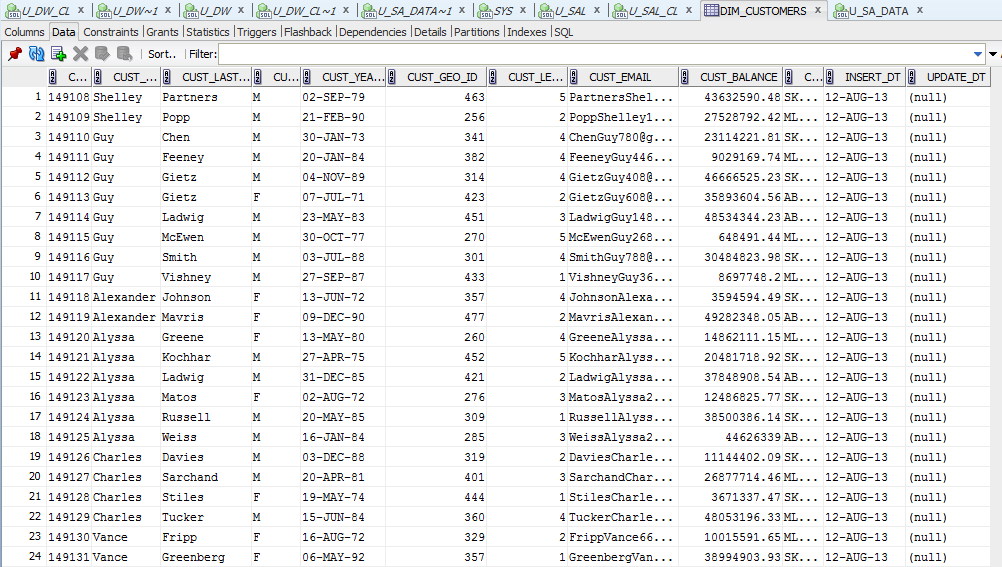
After updating the data in the source table and restart the package data is changed at star-level.

History of changes data is stored in the table:

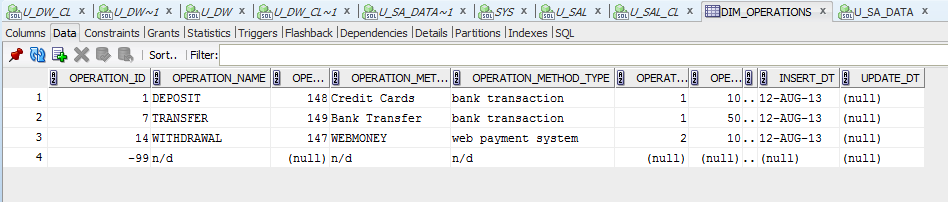


* + Common Dimension

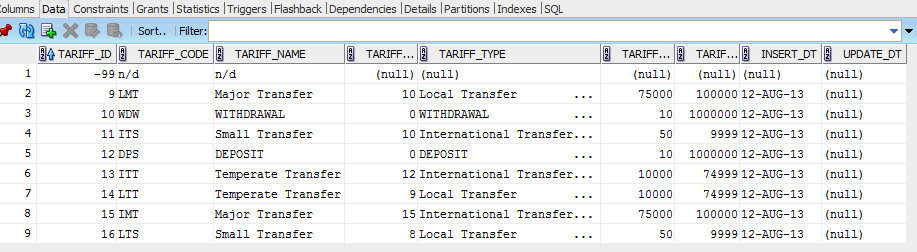
DIM\_CUSTOMERS



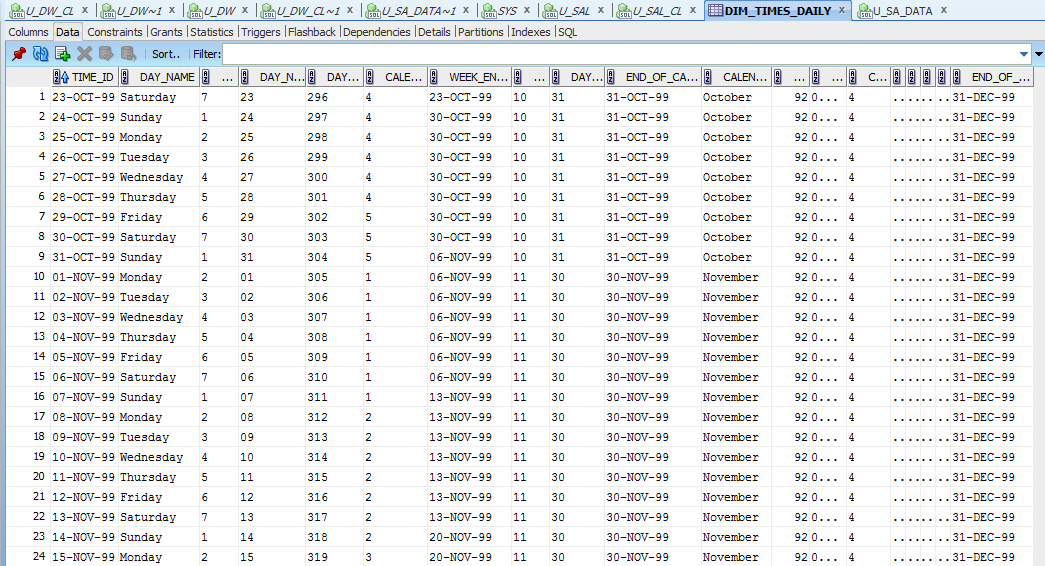
DIM\_OPERATIONS



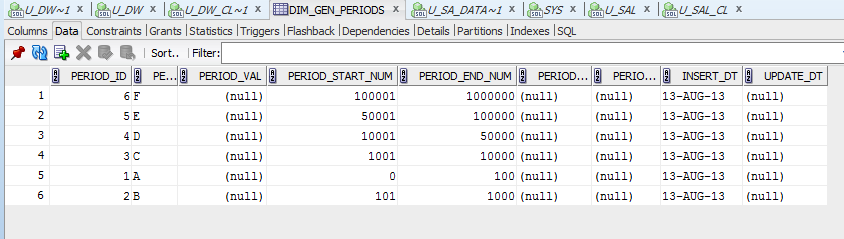
DIM\_TARIFFS



DIM\_TIMES\_DAILY

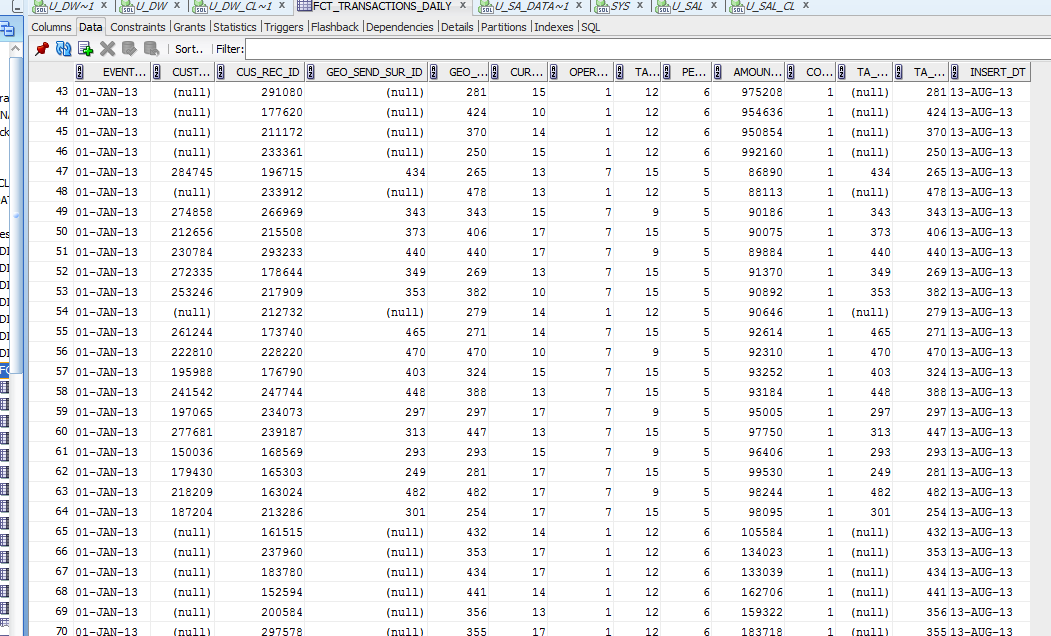


DIM\_GEN\_PERIODS

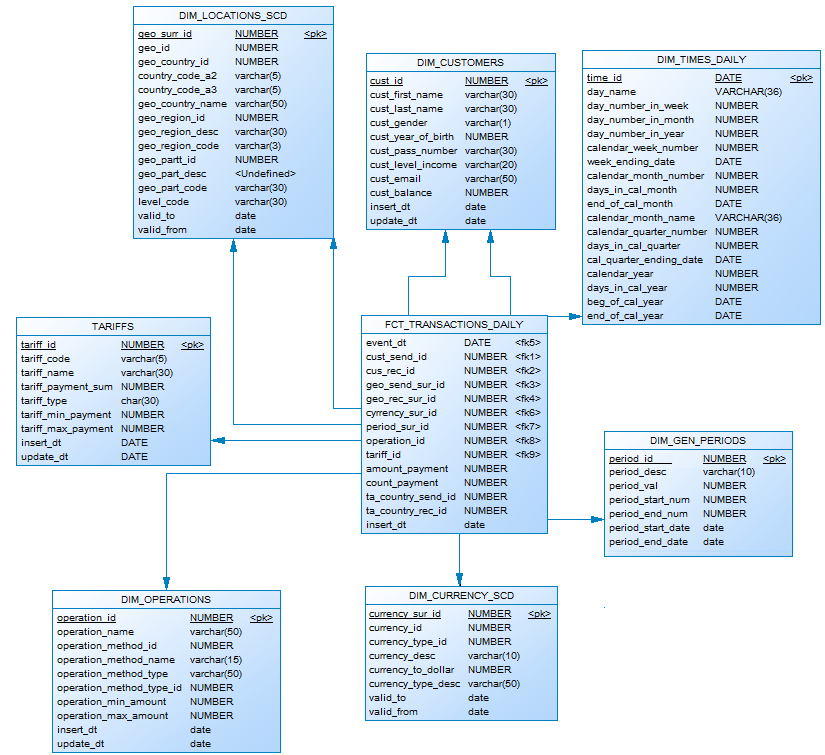


* + Fact Table

FCT\_TRANSACTION\_DAILY



* + Star Solution Scheme (Physical Objects)



## Task 03: Compare Report Layout Performance

**The Main Task** is to create summarize table with comparison Performance of next Report Layout:

- Advancing Grouping (GROUP BY GROUPING SETs – LabWork 02)

- Model Clause (LabWork 05)

- Star Schema (LabWork 11)

**Task Results:**

|  |  |  |  |
| --- | --- | --- | --- |
| № | Source Type | Explain Plan - Statistics | Time, msecs. |
| 1 | Advancing Grouping |  | 351 msecs |
| 2 | Model Clause |  | 649 msecs |
| 3 | Star Schema |  | 53 msecs |