**Report “Exit Task”**

**Anton Tserakhau**

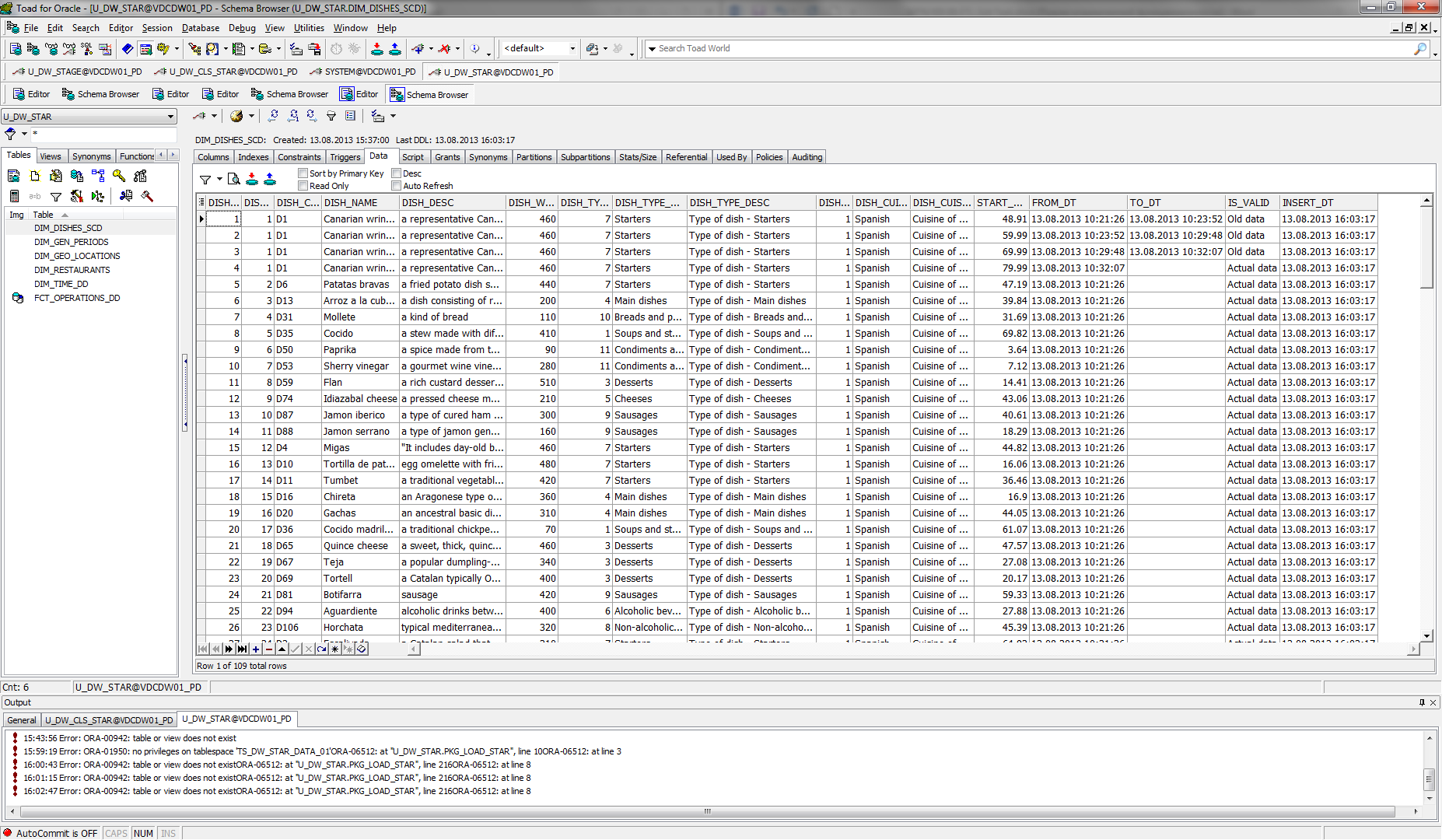
# Result Task 01: Test Star Data

I have created required objects.

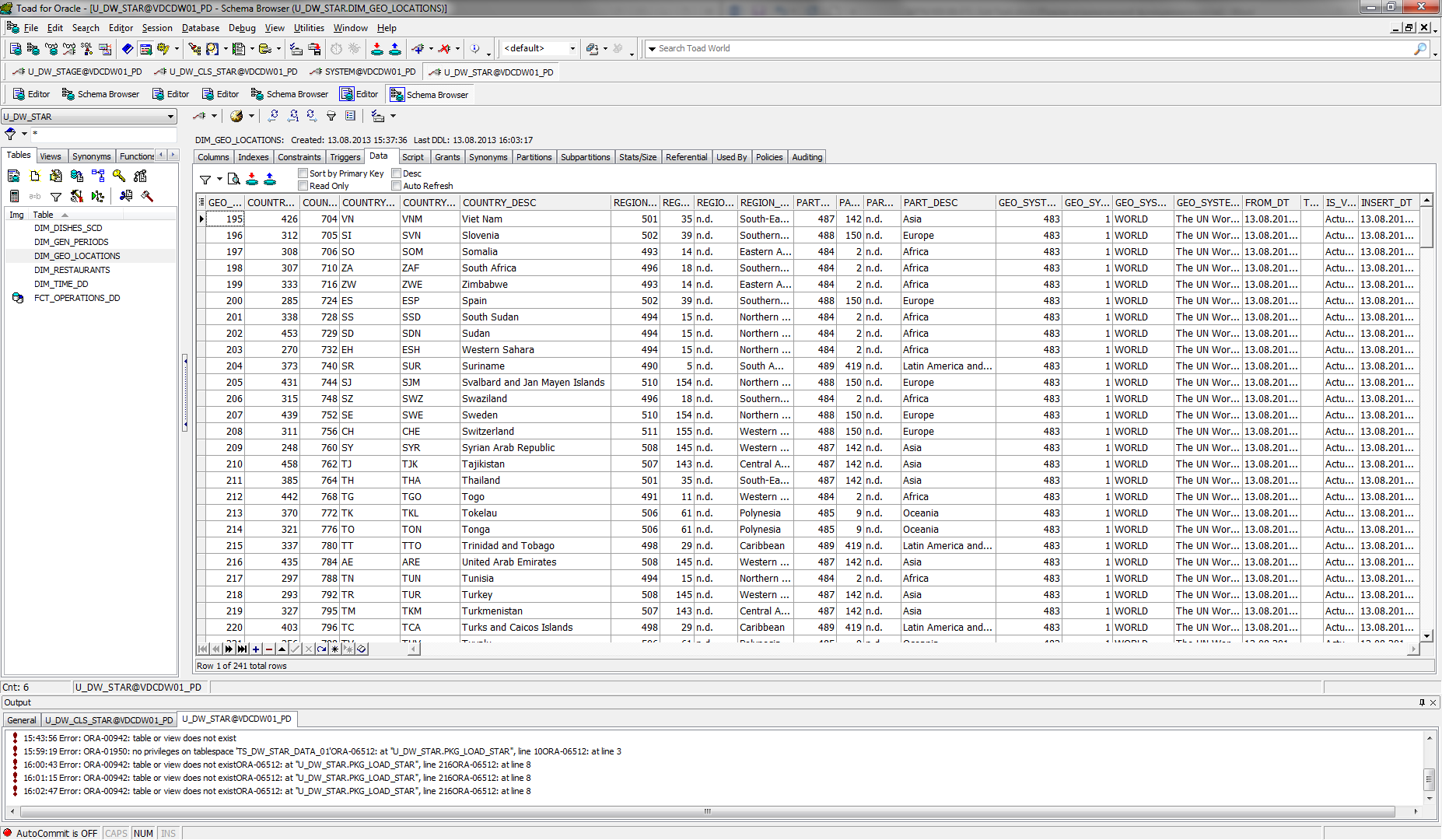
## SCD2 Dimension

I have two SCD2 Dimensions: DIM\_DISHES\_SCD and DIM\_GEO\_LOCATIONS.

DIM\_DISHES\_SCD:



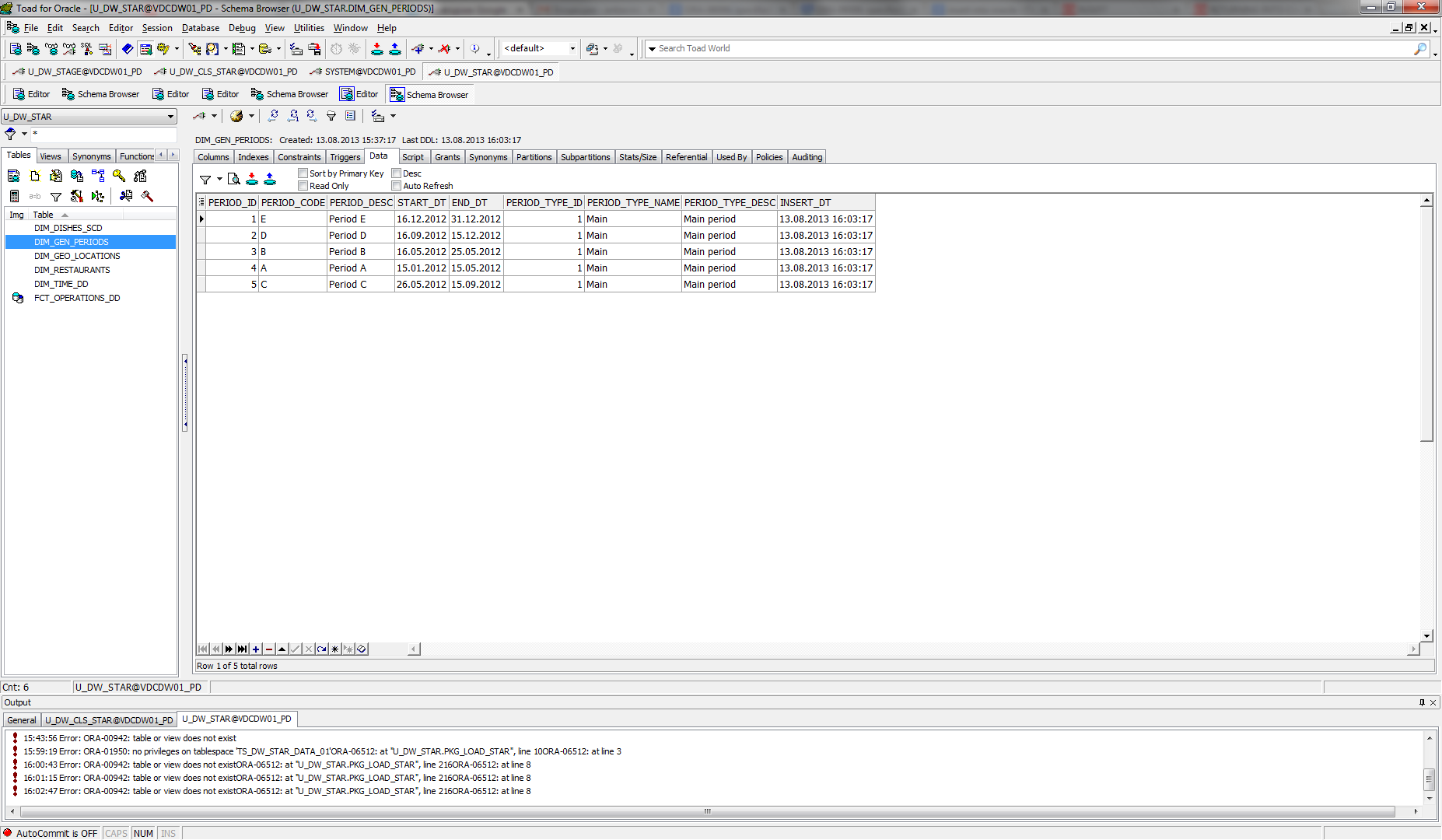
DIM\_GEO\_LOCATIONS:



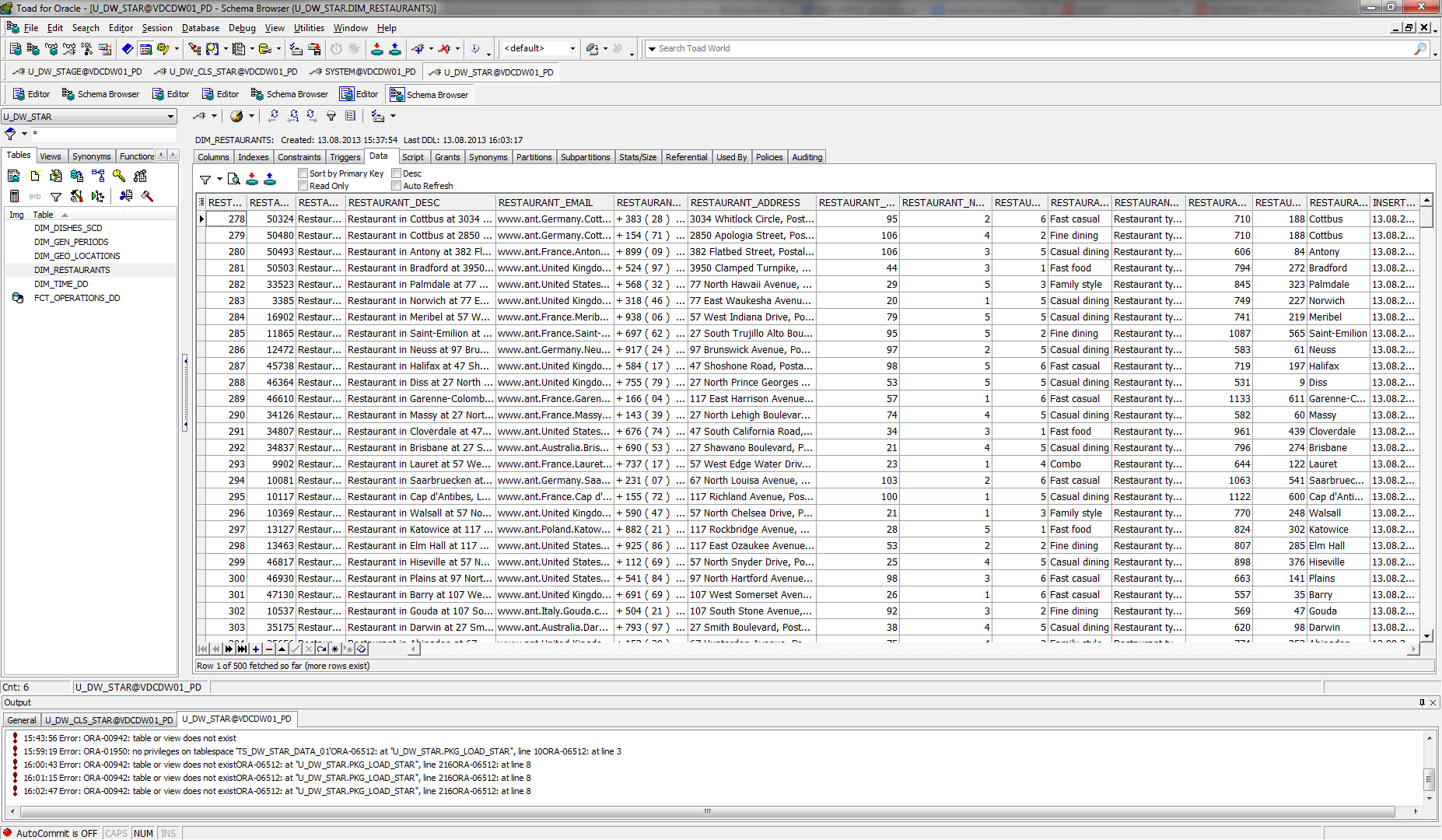
## Common Dimension

I have three Common Dimensions: DIM\_GEN\_PERIODS, DIM\_RESTAURANTS and DIM\_TIME\_DD.

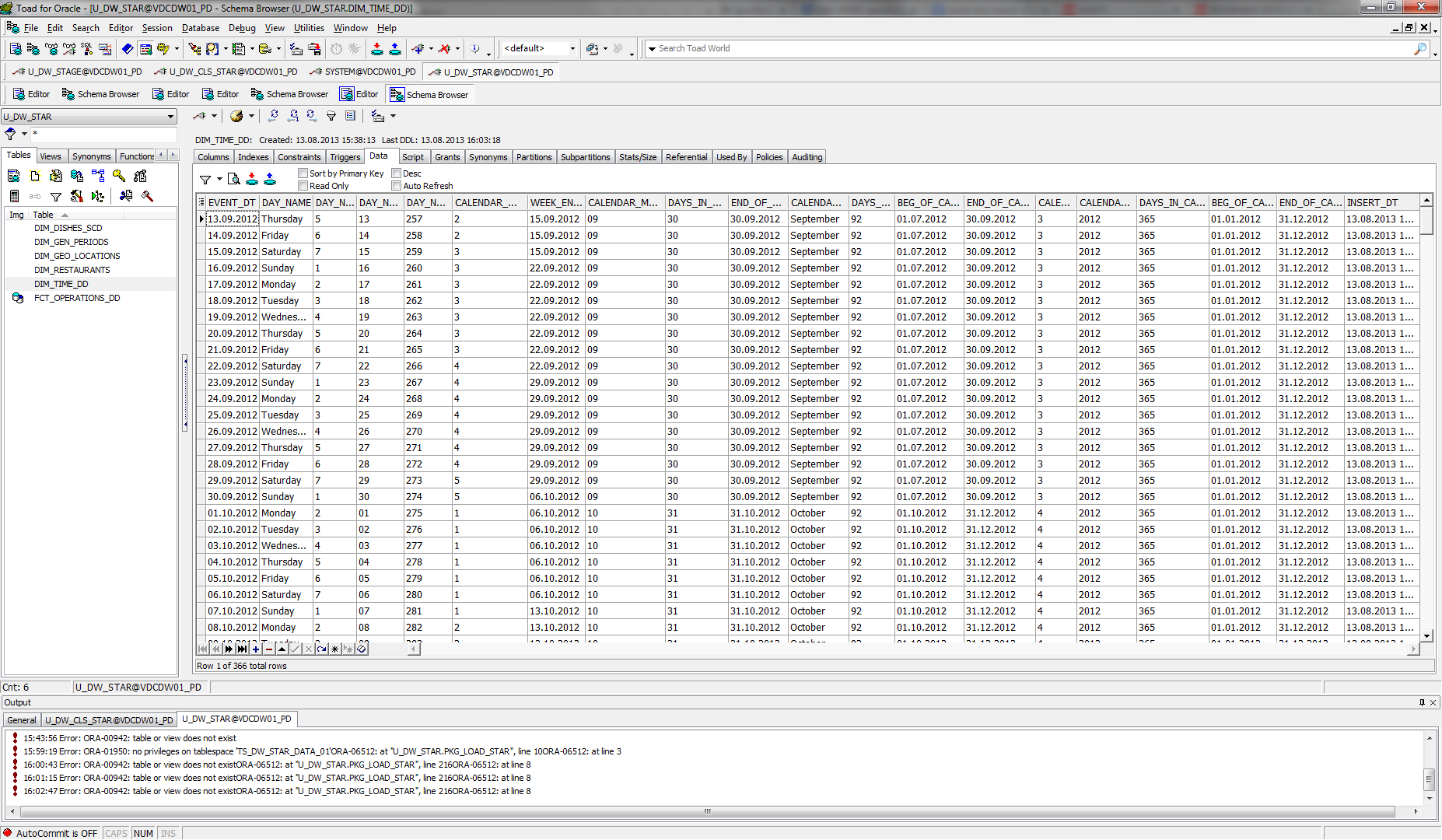
DIM\_GEN\_PERIODS:



DIM\_RESTAURANTS:

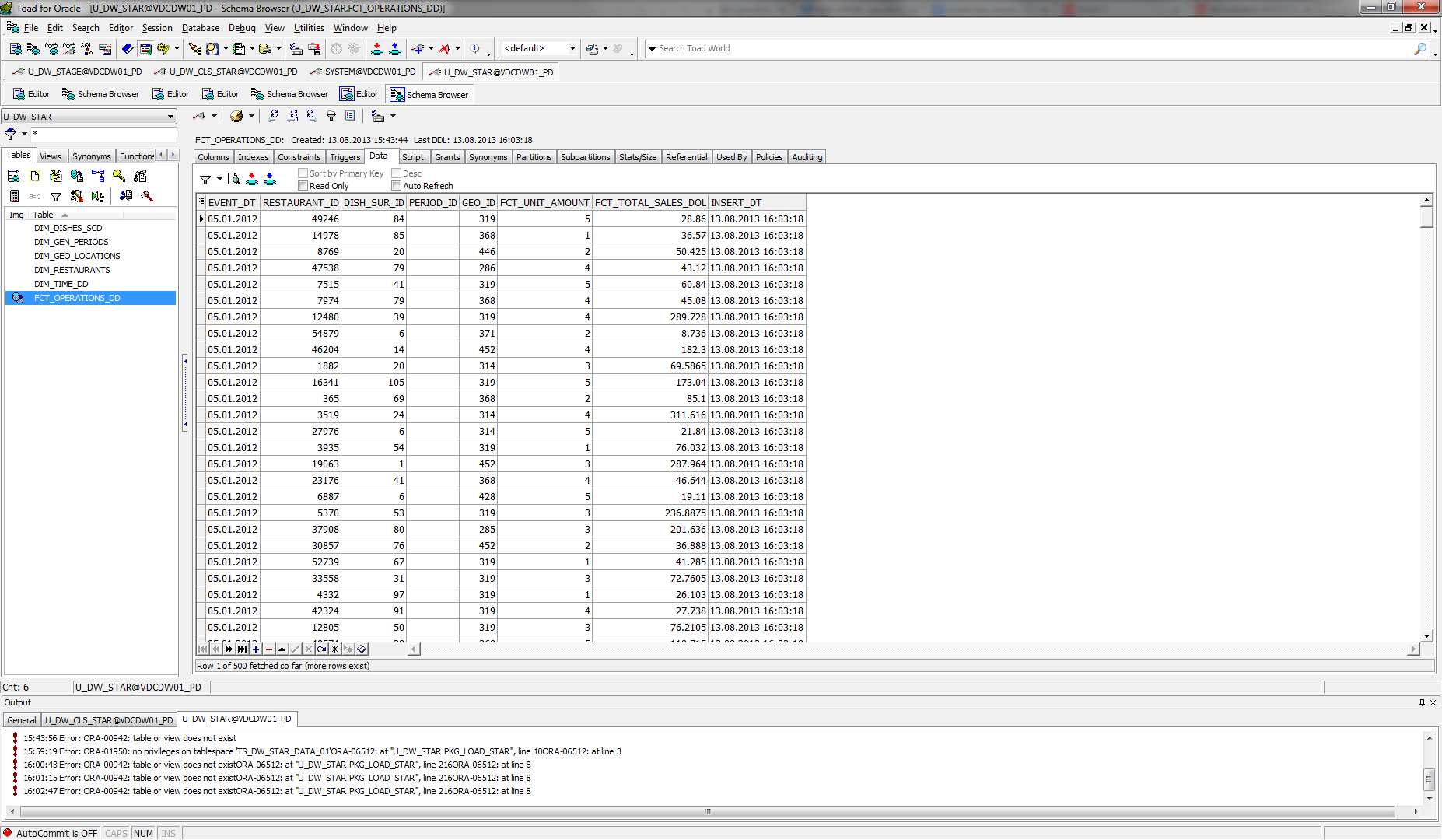


DIM\_TIME\_DD:

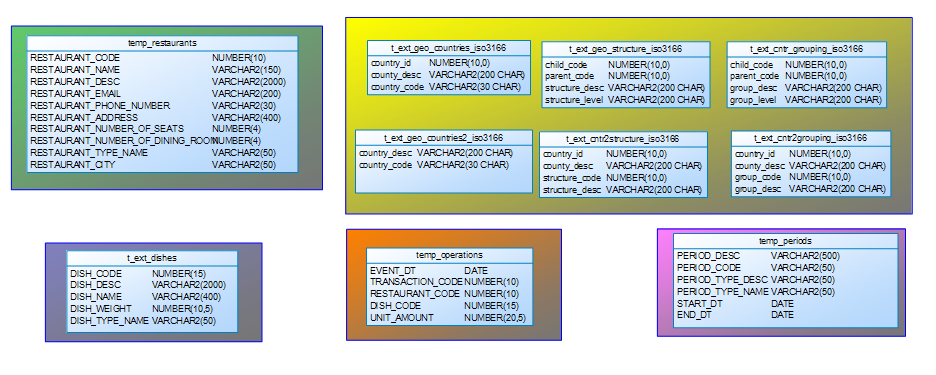


## Fact Table

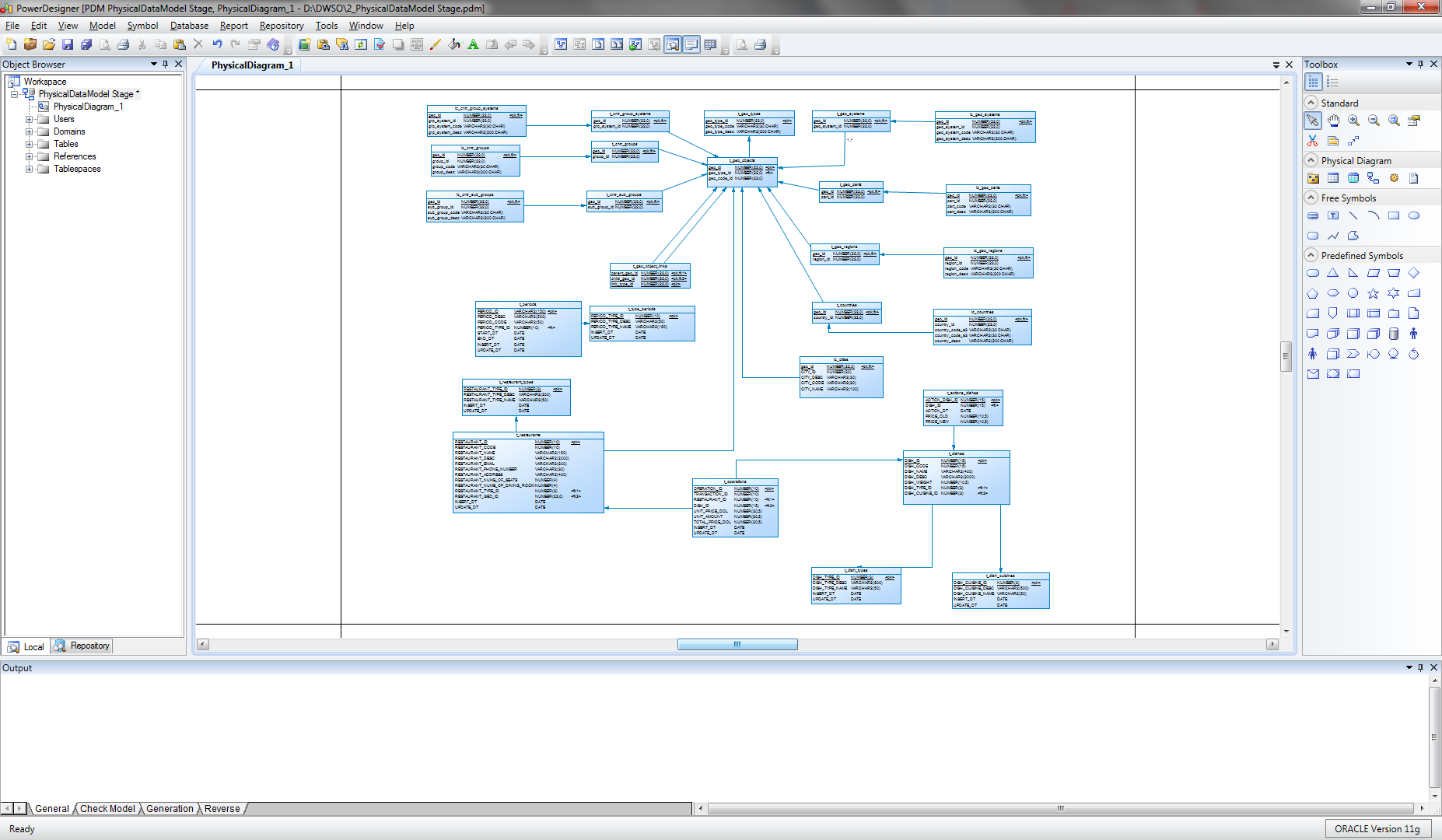
I have Fact Table FCT\_OPERATIONS\_DD:



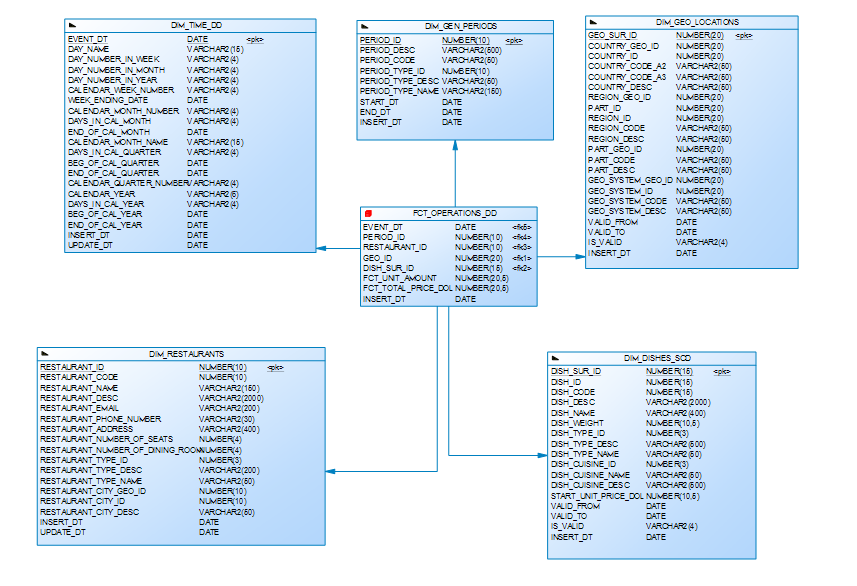
## Source Solution Scheme (Physical Objects)



## Stage Solution Scheme (Physical Objects)



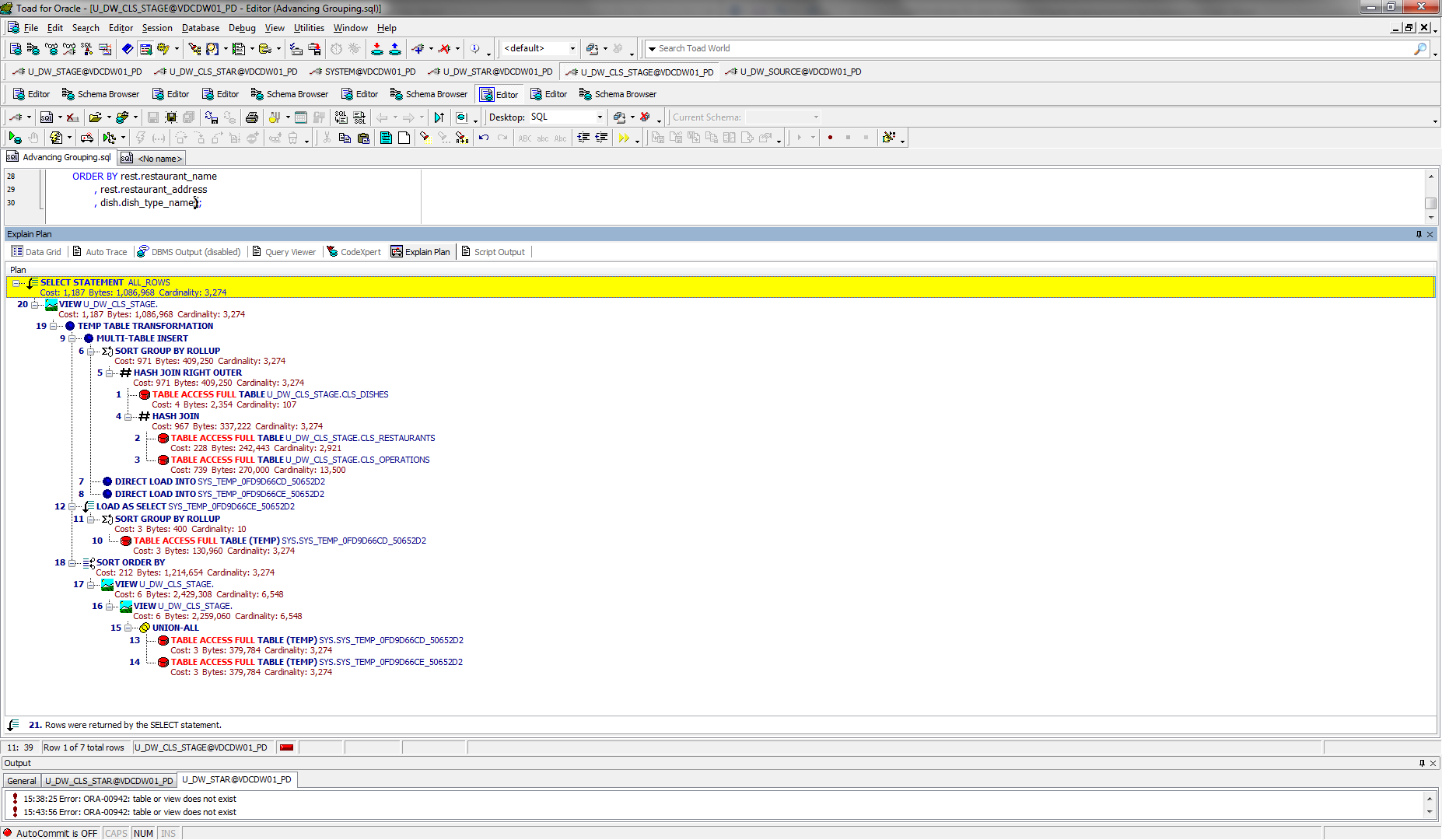
## Star Solution Scheme (Physical Objects)

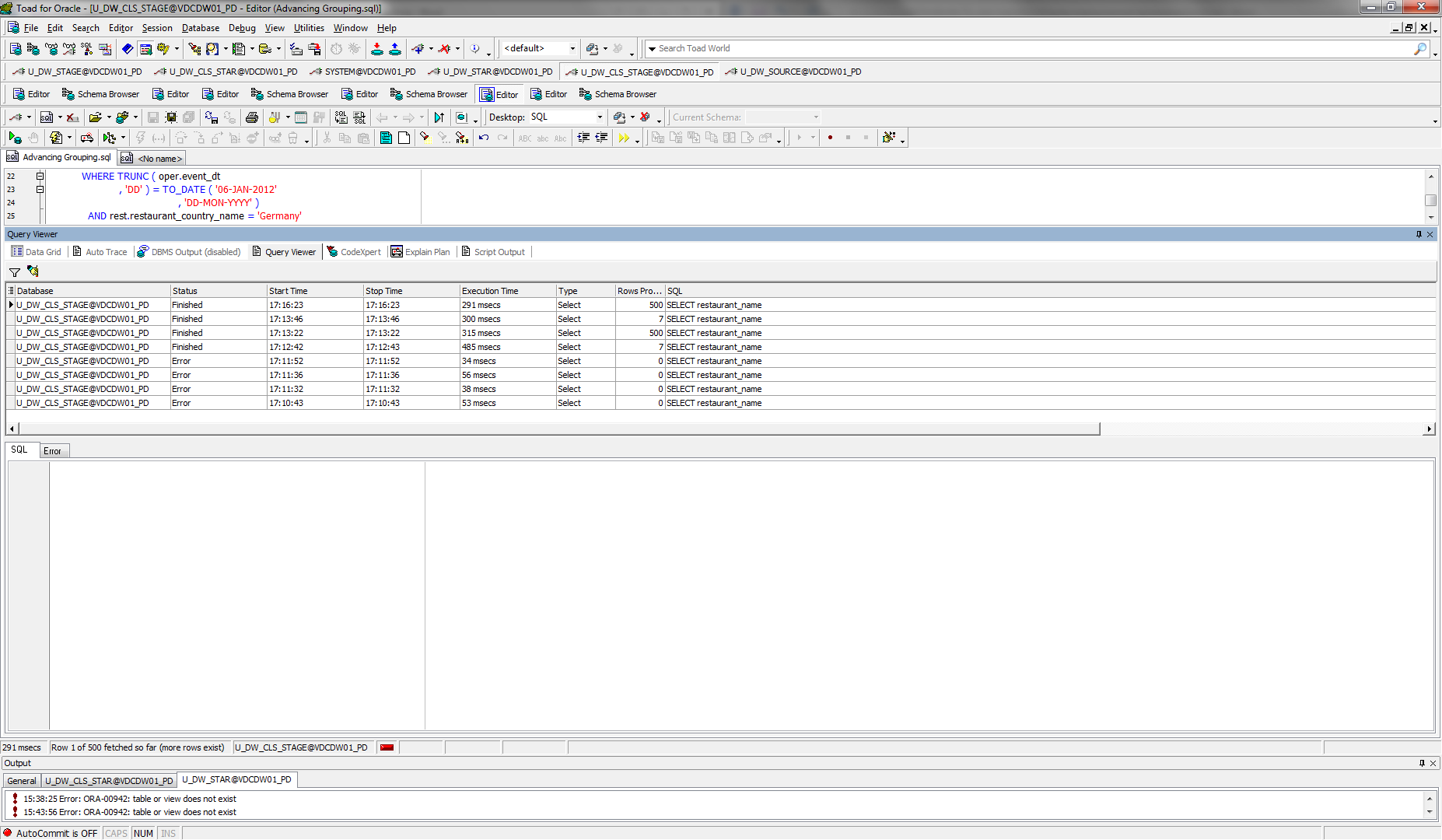


# Result Task 02: Performance comparison

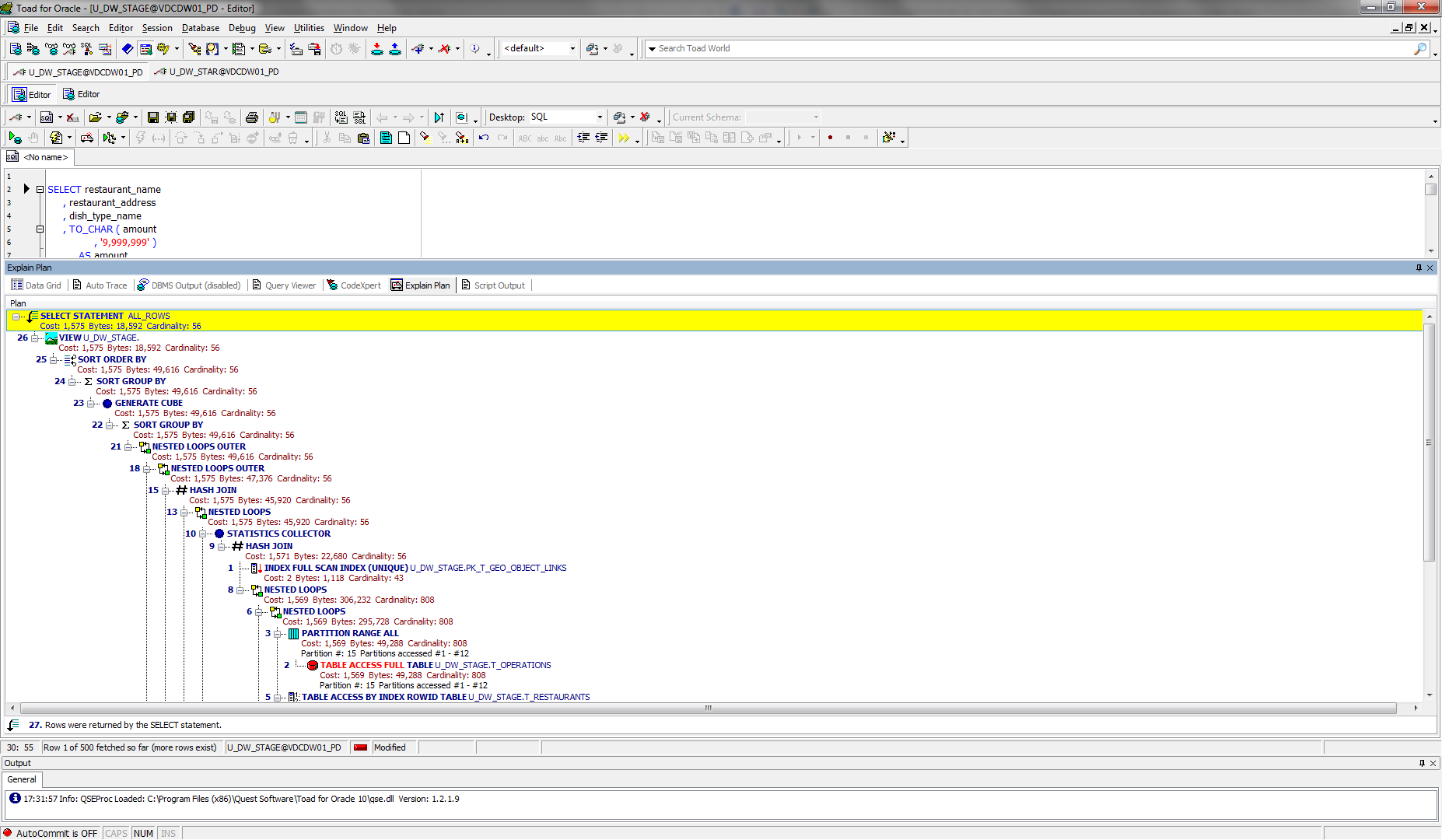
|  |  |  |  |
| --- | --- | --- | --- |
| № | Source Type | Explain Plan - Statistics | Time, Sec. |
| 1 | Advancing Grouping | Cost 1187 | 291 msecs |
| 2 | Model Clause | Cost 1575 | 306 msecs |
| 3 | Star Schema | Cost 310 | 259 msecs |

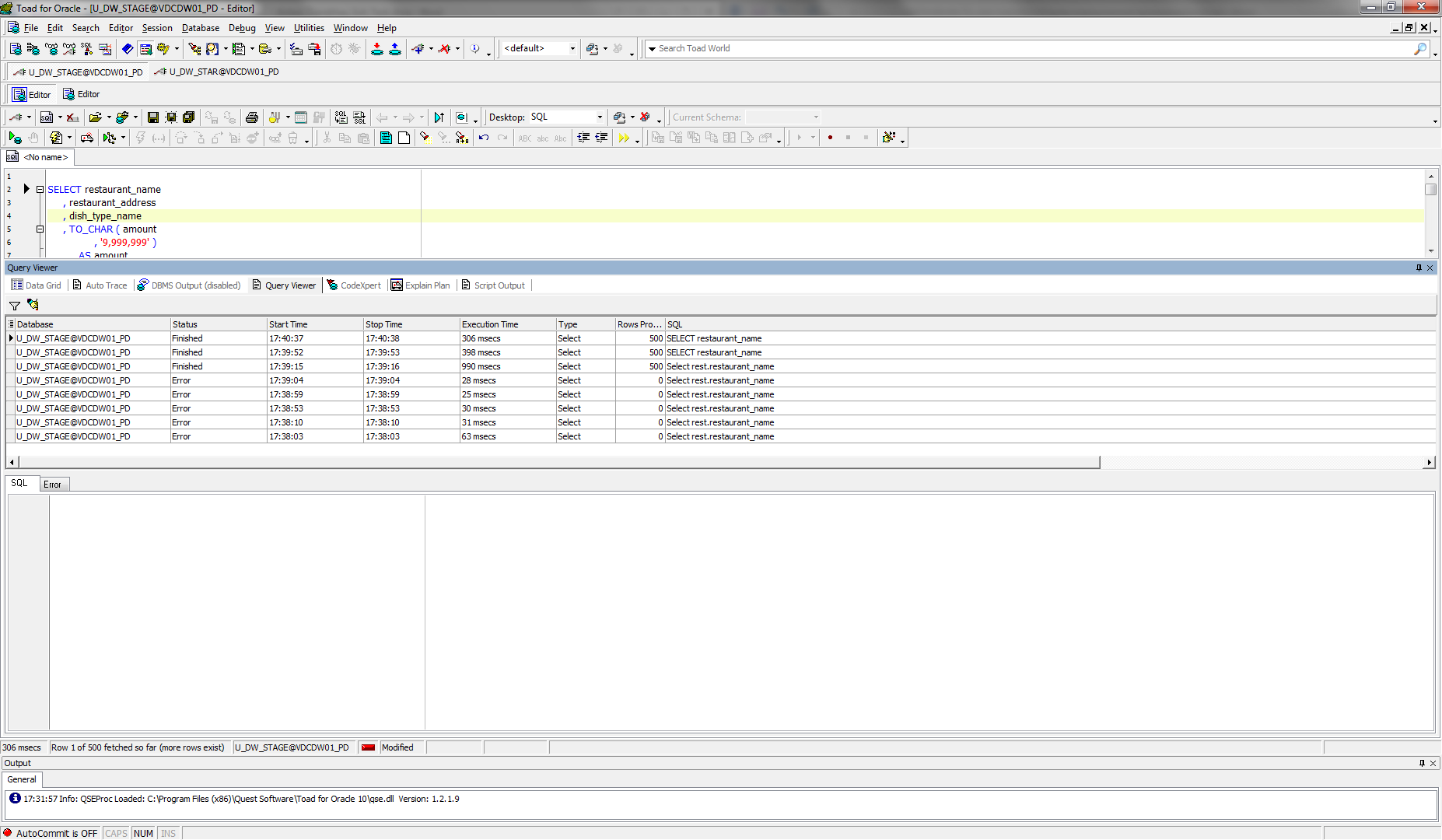
1. Advancing Grouping





2. Model Clause





3. Star Schema

