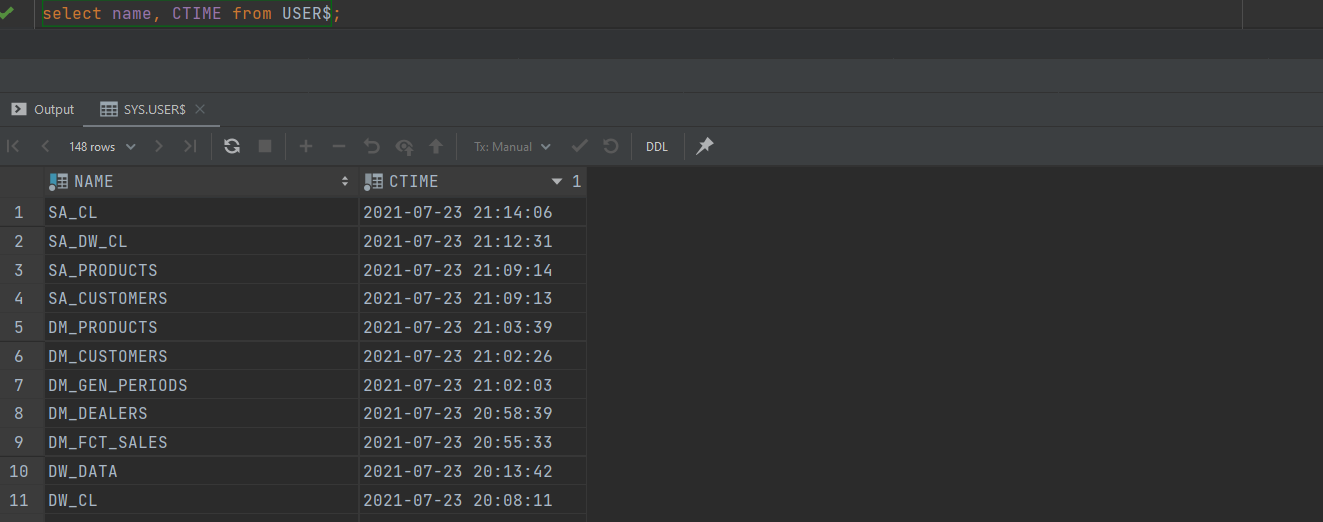
Report on lab the 8. Saveli Litvin

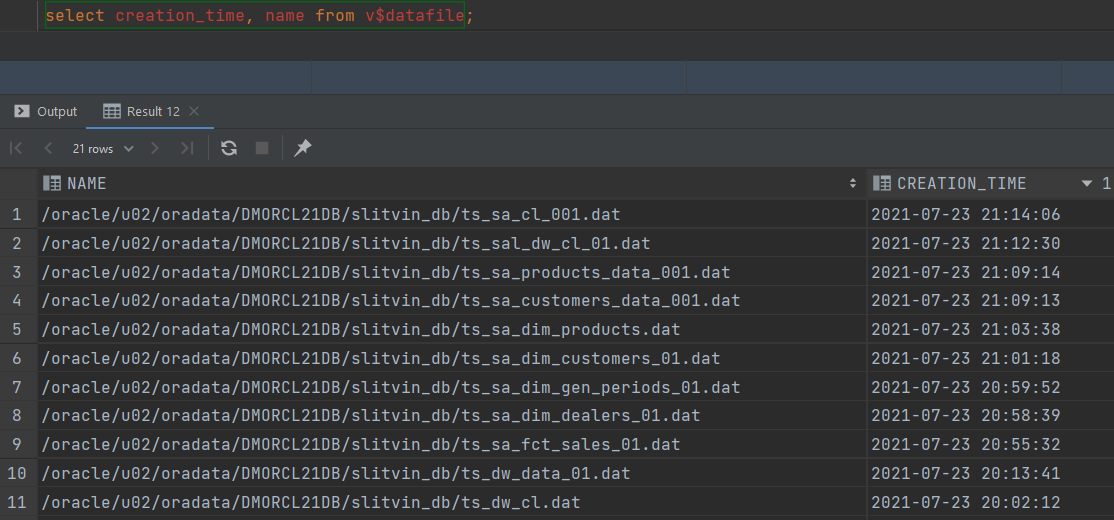
# 2. Data Warehouse Architecture

## 2.1. Task 01: CREATE Schema of simple Data Warehouse Architecture

|  |  |  |  |
| --- | --- | --- | --- |
| Level Type | Object Name | Tablespace | Description |
| Storage level  SA\_\* | SA\_CUSTOMERS | ts\_SA\_CUSTOMERS\_DATA\_01 | Loading from Flatfile storage system. Contains Customer information |
| SA\_PRODUCTS | ts\_SA\_PRODUCTS\_DATA\_01 | Loading from Flatfile storage system. Contains Product information, geo location |
| DW - Cleansing Level | DW\_CL | ts\_DW\_CL\_01 | Loading from stage level system and preparing information for usage |
| DW – Level | DW\_DATA | ts\_DW\_DATA\_01 | Loading data from cleansing stage and preparing it for to the 3rd normal form and available for star scheme building |
| DW– Prepare Star Cleansing Level | SAL\_DW\_CL | ts\_SA\_DW\_CL\_01 | Loading data from DW system. Containts views and objects from DW - Level |
| STAR - Cleansing | SAL\_CL | ts\_SA\_CL\_001 | Loading data from dw\_cl, but clean some redundancy |
| STAR – Level | DM\_FCT\_SALES | ts\_SA\_FCT\_SALES\_01 | Store information about facts (Weekly Sales) |
| DM\_DEALERS | ts\_SA\_DIM\_DEALERS\_01 | Store information about DIM\_DEALERS |
| DM\_GEN\_PERIODS | ts\_SA\_DIM\_GEN\_PERIODS\_01 | Store information about DIM\_GEN\_PERIODS |
| DM\_CUSTOMERS | ts\_SA\_DIM\_CUSTOMERS\_01 | Store information about DIM\_CUSTOMERS |
| DM\_PRODUCTS | ts\_SA\_DIM\_PRODUCTS\_01 | Store information about DIM\_PRODUCTS |
| DM\_GEO | ts\_SA\_DIM\_GEO\_01 | Store information about DIM\_GEO |

## 2.2.





Script on git

# 3. Star – Business analyses task

## 3.1. Task 07: CREATE Prepared Star Objects

Script is alocated in folder or check git

## 3.2. Task 08: DataFlow Diagram

**The Main Task** is to create DataFlow Diagram to describe refresh process of yours Business STAR

**Task Results:**

Create DataFlow Diagram:

* Add chapter to Solution Concept with DataFlow Diagrams

## 3.3. Task 09: Grants Object Privileges

|  |  |
| --- | --- |
| *User* | *Privileges* |
| SA\_CUSTOMERS | grant connect, resource to SA\_CUSTOMERS; |
| SA\_PRODUCTS | grant connect, resource to SA\_PRODUCTS; |
| DW\_CL | grant connect, resource, create view to DW\_CL; |
| DW\_DATA | grant connect, resource to DW\_DATA |
| SA\_DW\_CL | grant connect, resource, create view to sa\_dw\_cl |
| SA\_CL | grant connect, resource, create view to sa\_cl; |
| DM\_FCT\_SALES | grant connect, resource, create view to DM\_FCT\_SALES; |
| DM\_DEALERS | grant connect, resource, create view to DM\_DEALERS; |
| DM\_GEN\_PERIODS | grant connect, resource, create view to dm\_gen\_periods; |
| DM\_CUSTOMERS | grant connect, resource, create view to DM\_CUSTOMERS; |
| DM\_PRODUCTS | grant connect, resource, create view to DM\_PRODUCTS |