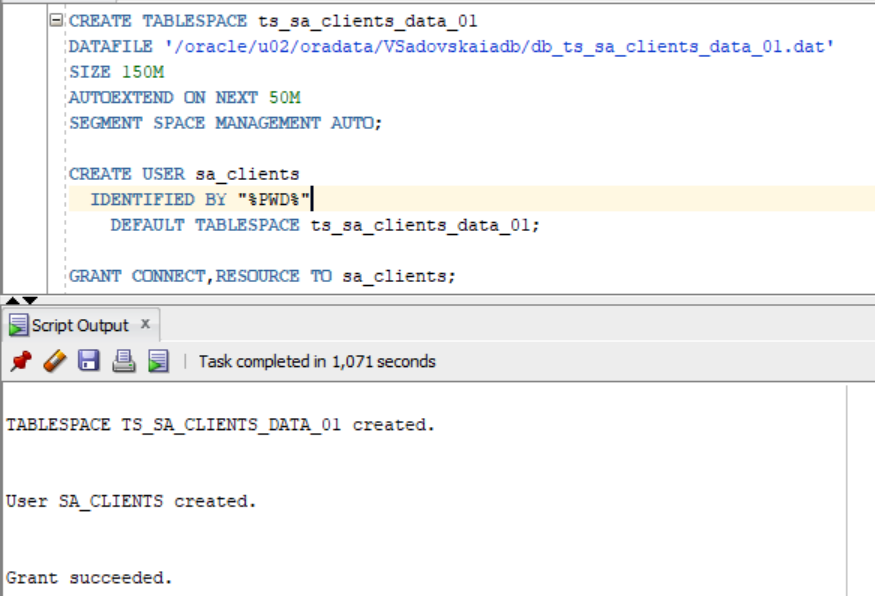
**Lab report #8**

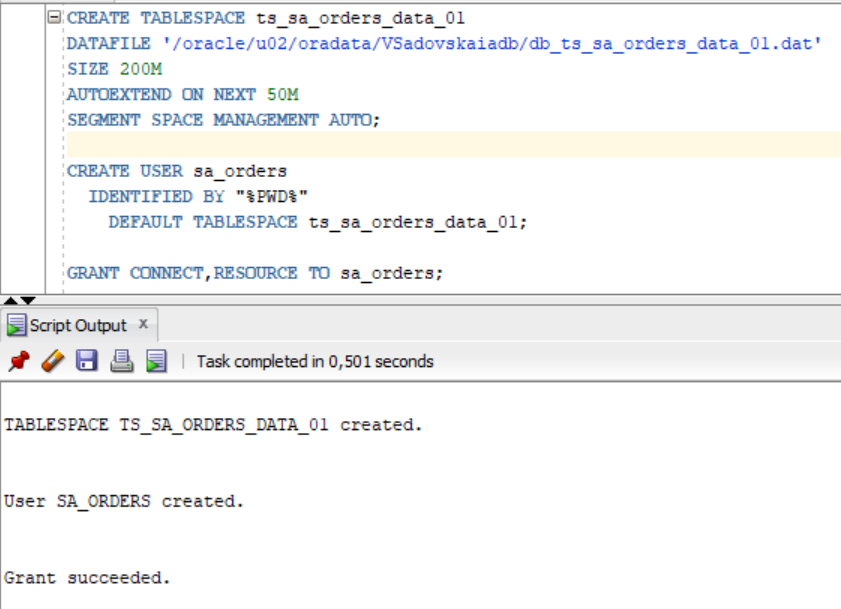
**Sadovskaya Veronika**

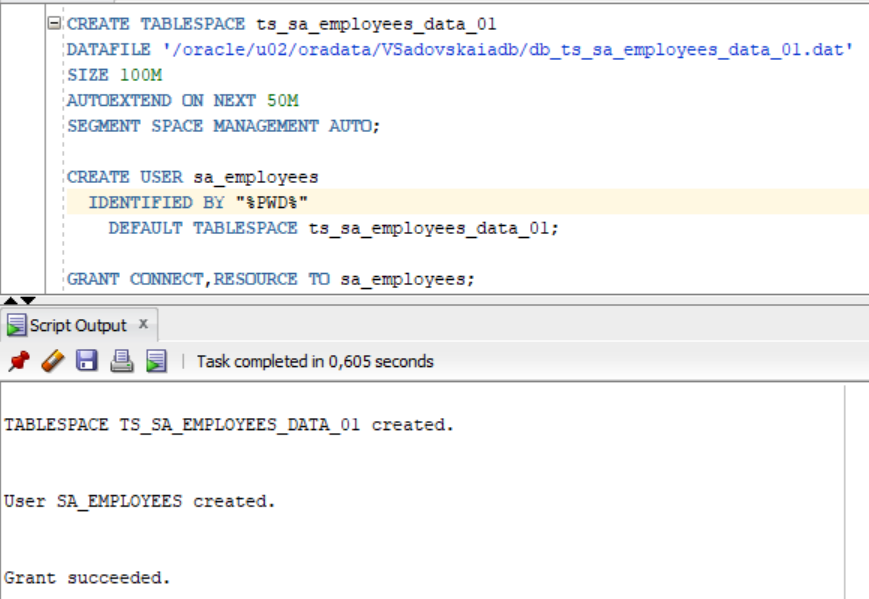
**Task 1 - CREATE Schema of simple Data Warehouse Architecture**

|  |  |  |  |
| --- | --- | --- | --- |
| Level Type | Object Name | Tablespace | Description |
| Storage Level  SA\_\* | SA\_CLIENTS | ts\_sa\_clients\_data\_01 | Loading from structured files (exp. XML\*). Contains information about client. |
| SA\_ORDERS | ts\_sa\_orders\_data\_01 | Loading from float files. Contains information about order. |
| SA\_EMPLOYEES | ts\_sa\_employees\_data\_01 | Loading from structured files (exp. XML\*). Contains information about employee. |
| DW – Cleansing level | DW\_CL | ts\_dw\_cl | Loading from stage level system. Contains all information prepare it for further usage (cleaning it). |
| DW – Level | DW\_DATA | ts\_dw\_data\_01 | LOADING data from cleansing system. Contains clean information tending to the 3rd normal form ready for preparing star schema. |
| DW – Prepare Star Cleansing Level | SAL\_DW\_CL | ts\_dw\_str\_cls | LOADING data from DW system. Contains views merging objects from DW level. |
| STAR - Cleansing | SAL\_CL | ts\_sal\_cl | LOADING data from DW\_CL system. Contains views from previous level but clean any redundancy. |
| STAR - Level | DM\_CLIENT | ts\_sa\_dim\_client\_01 | Store information about dim client. |
| DM\_ORDER | ts\_sa\_fct\_order\_01 | Store information about fact order. |
| DM\_EMPLOYEE | ts\_sa\_dim\_employee\_01 | Store information about dim employee. |
| DM\_RESTAURANT | ts\_sa\_dim\_restaurant\_01 | Store information about dim restaurant. |
| DM\_DISH | ts\_sa\_dim\_dish\_01 | Store information about dim dish. |
| DM\_PAYMENT\_METHOD | ts\_sa\_dim\_payment\_method\_01 | Store information about dim payment method. |

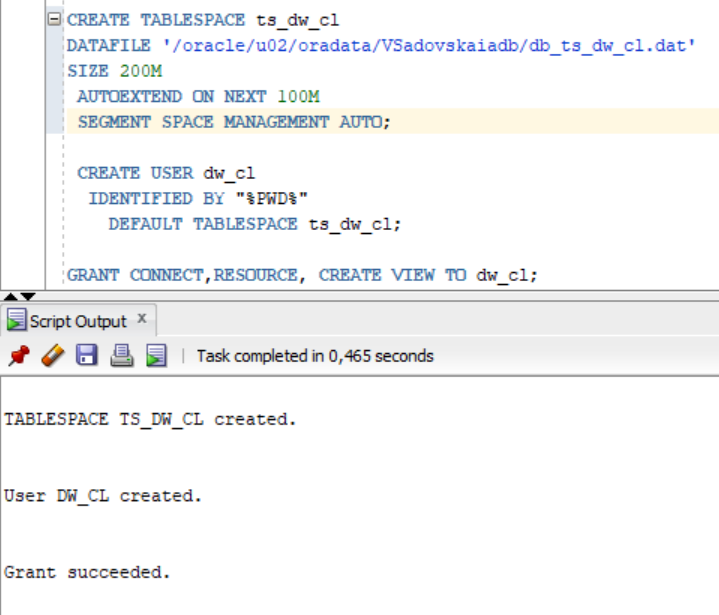
**Task 2 – CREATE Storage Level**



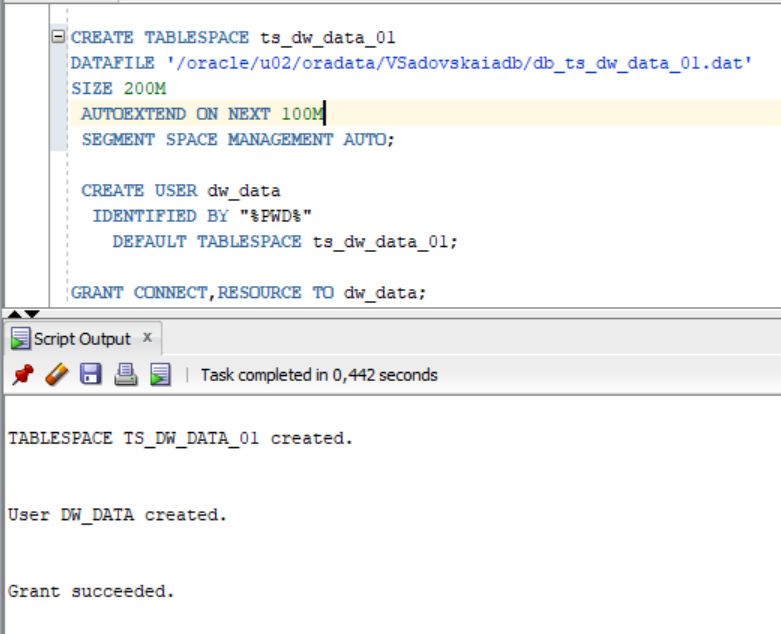




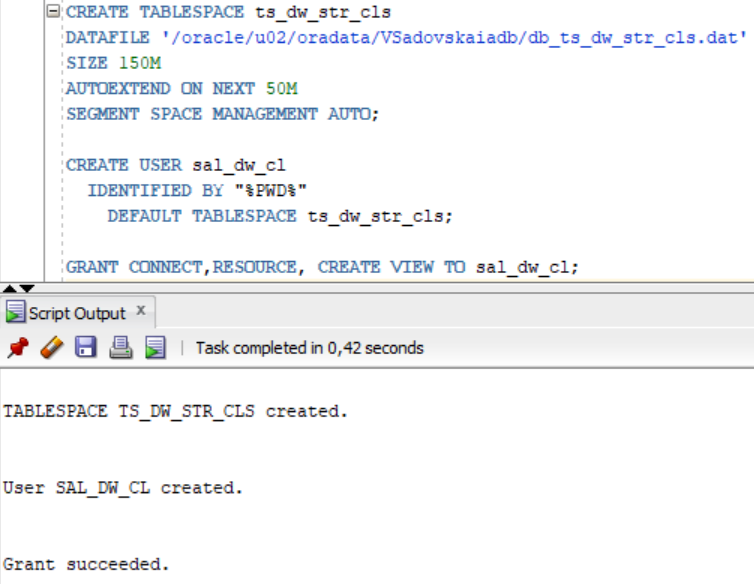
**Task 3 – CREATE Data warehouse Cleansing Level**

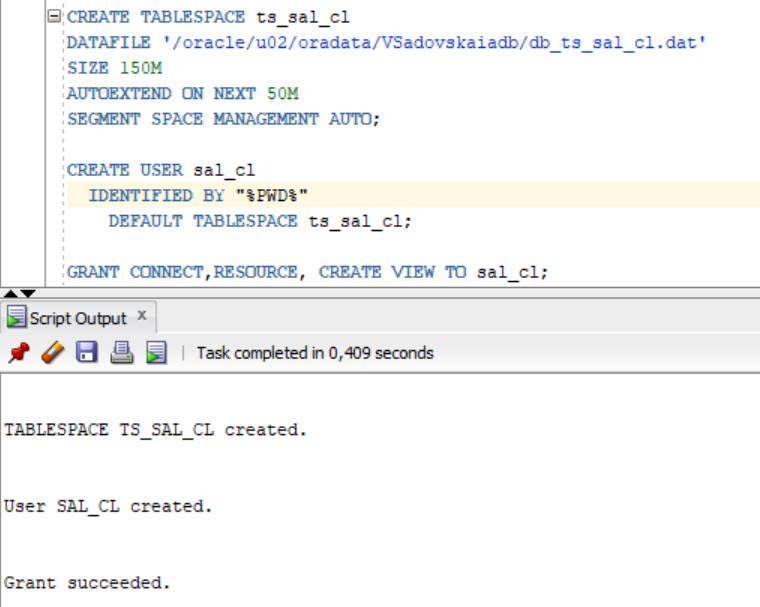


**Task 4 – CREATE Data warehouse Start Cleansing Level**

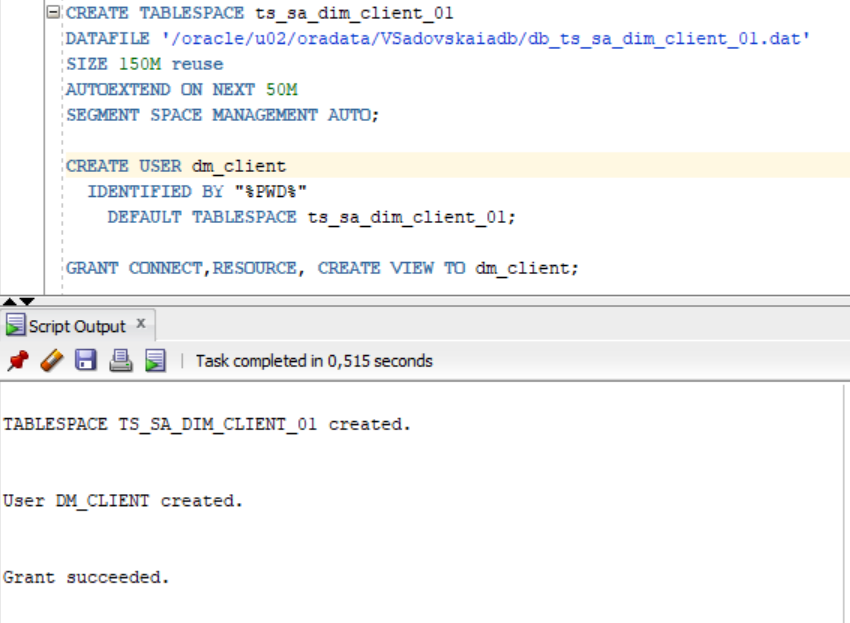


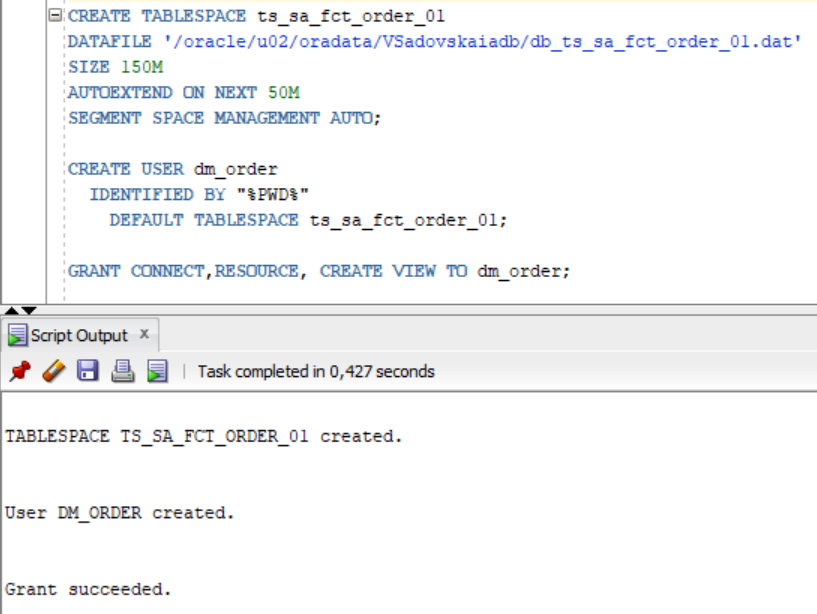
**Task 5 – CREATE Start Cleansing Level**

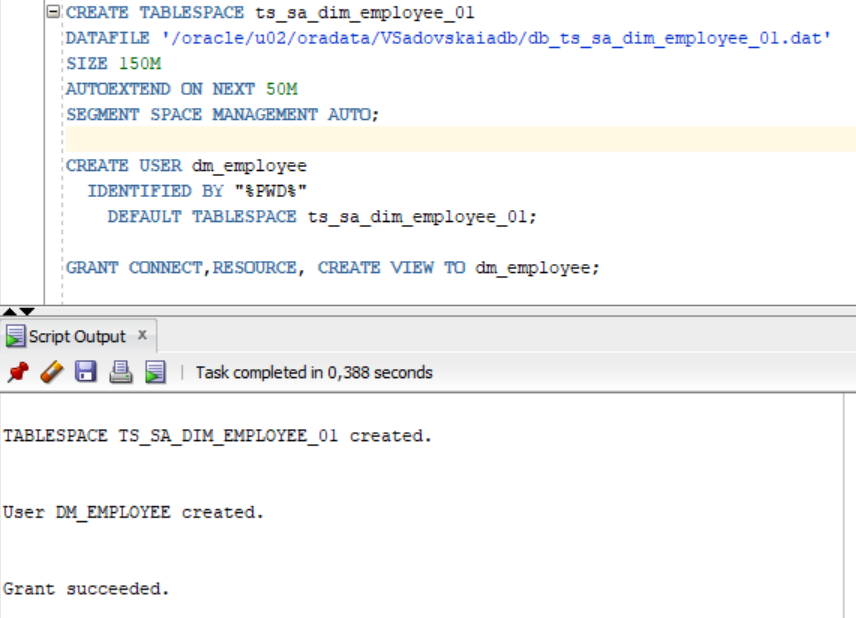


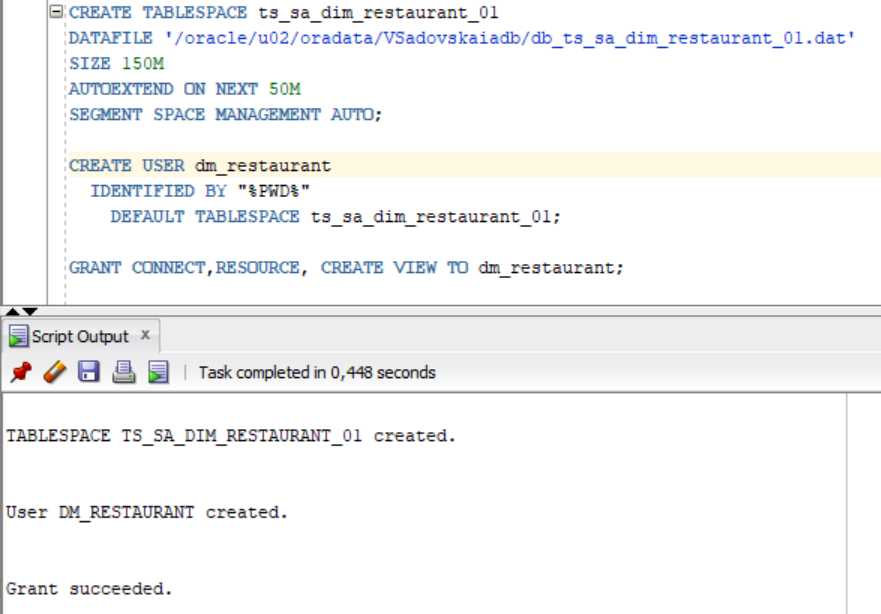


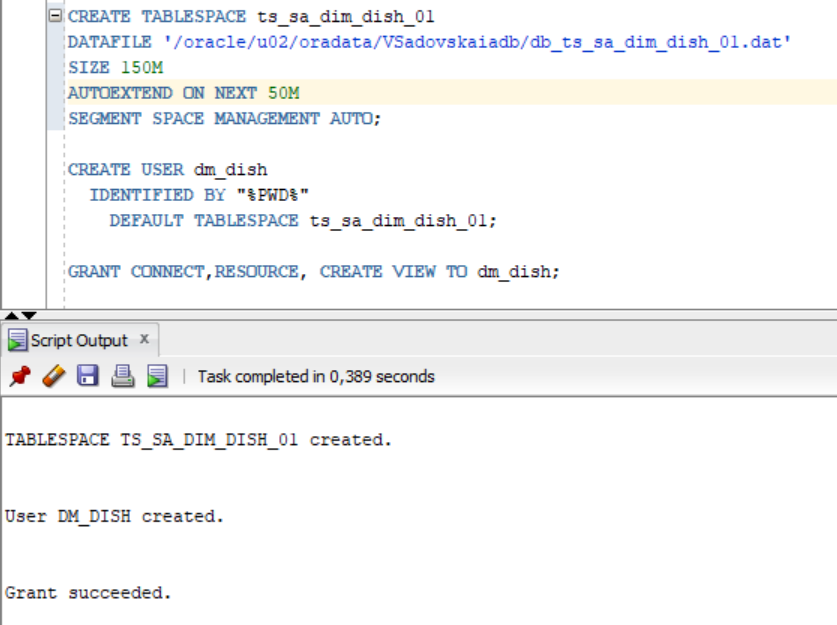
**Task 6 – CREATE Data warehouse Start Level and Data Marts**

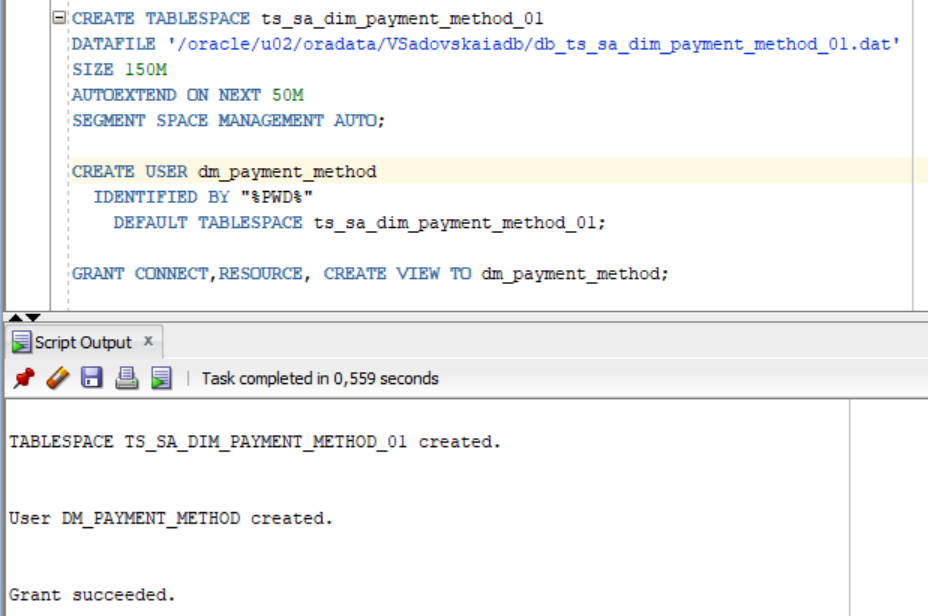








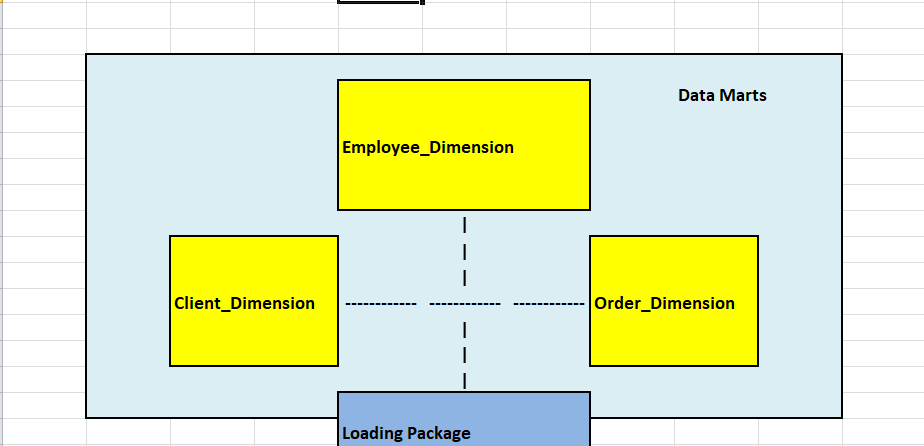


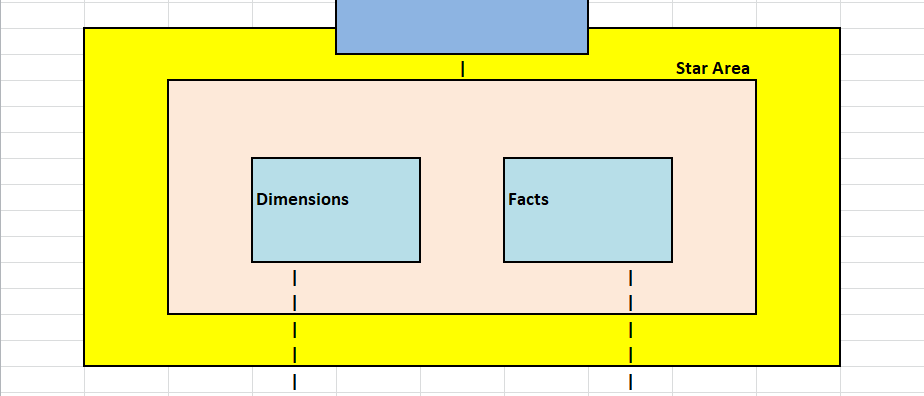


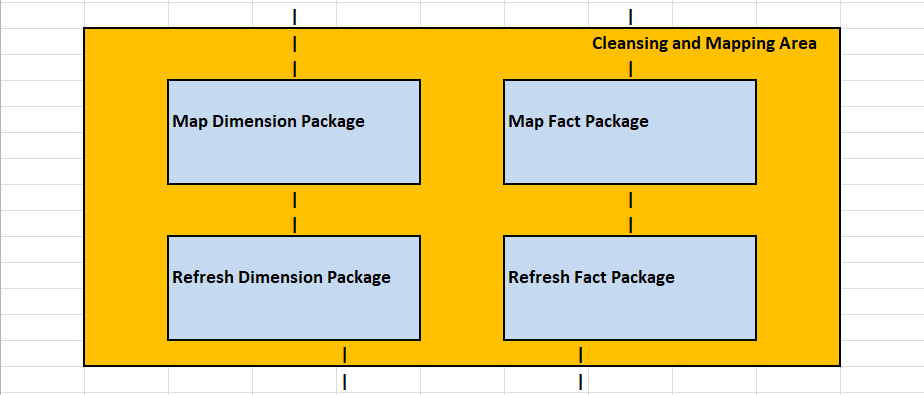
**Task 7 – CREATE Prepared Star Objects**

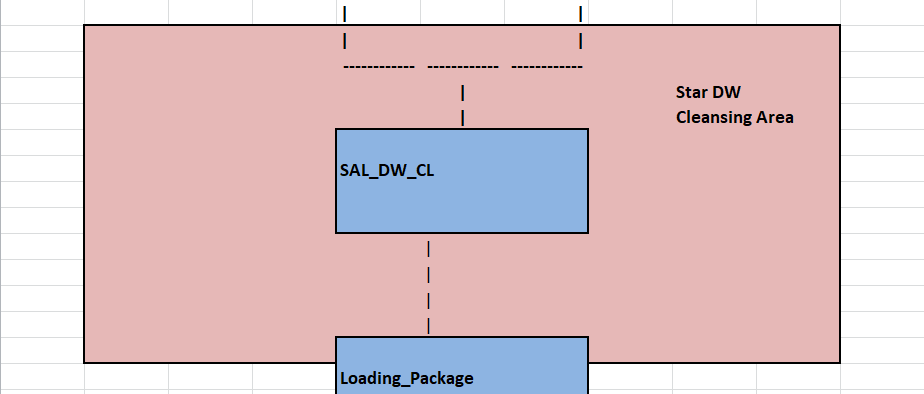
Git: <https://github.com/sdveronika/DataMola22>

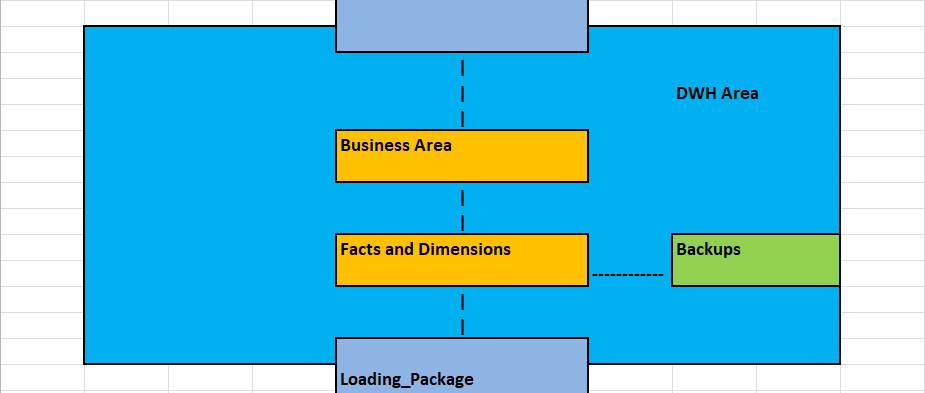
**Task 8 - DataFlow Diagram**

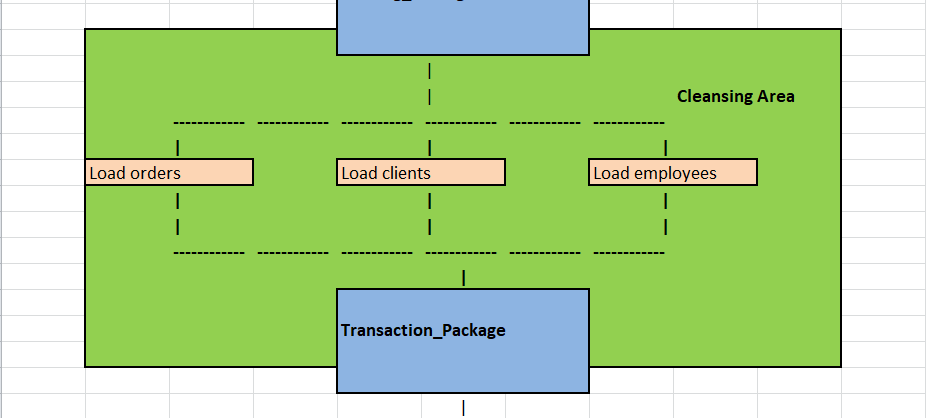


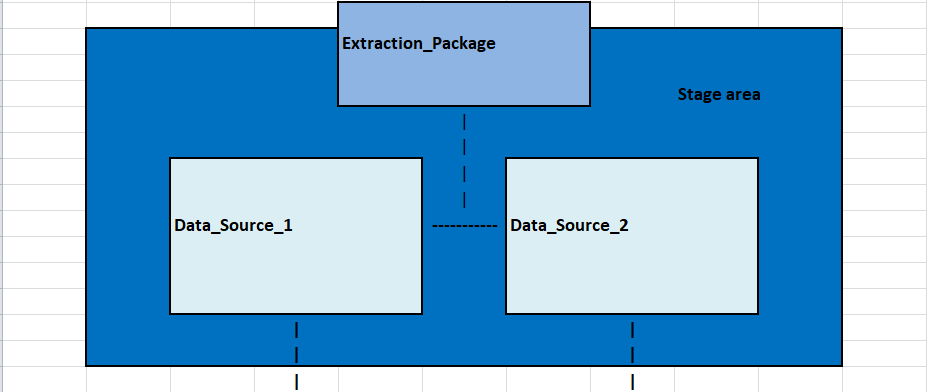


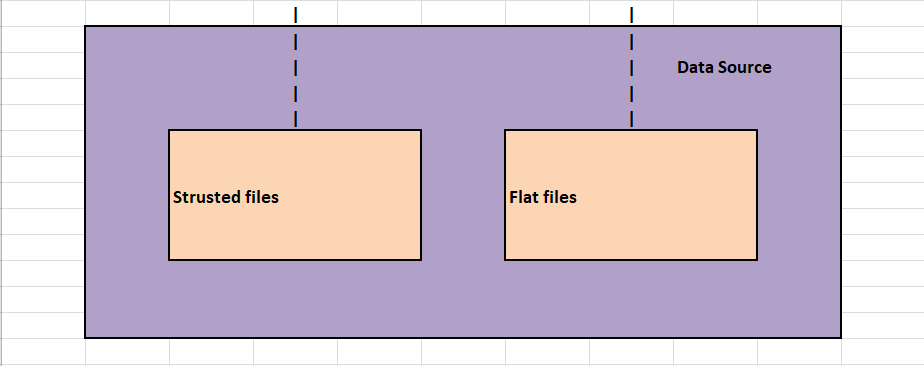












**Task 9 - Grants Object Privileges**

All privileges are on the screenshots in tasks 1-6.