





**IT-DWHY-S18 course project**

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VIA, ICT

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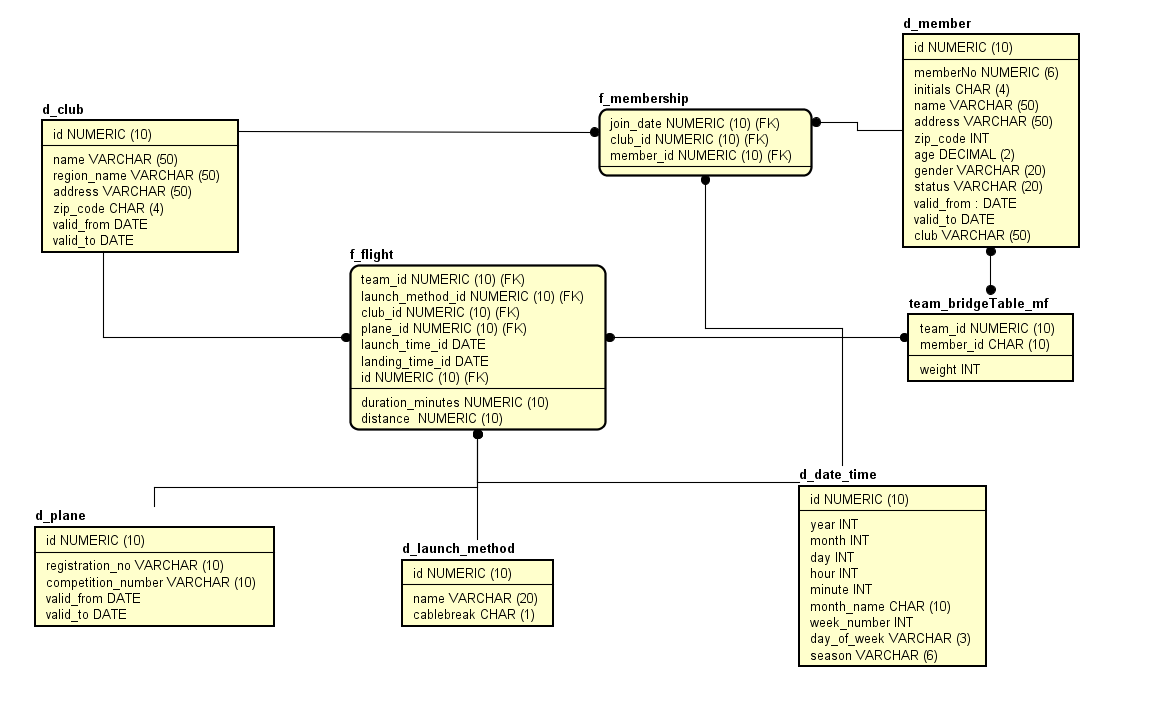
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### 1.Dimensional data model, UML



### 2. DDL - se attached files

### 3. A source-to-target mapping - se attachment.

### 4. Code for populating a static dimension-se attachment

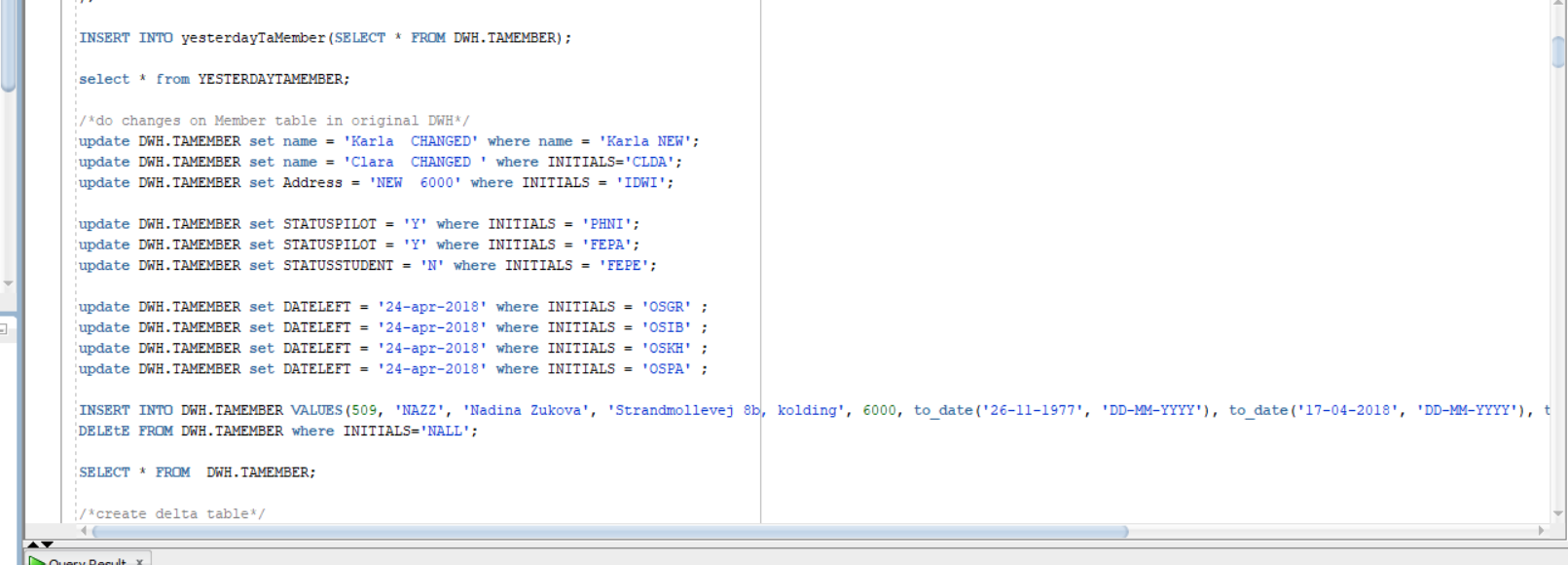
### 5. & 6. ETL - se attached files

### 

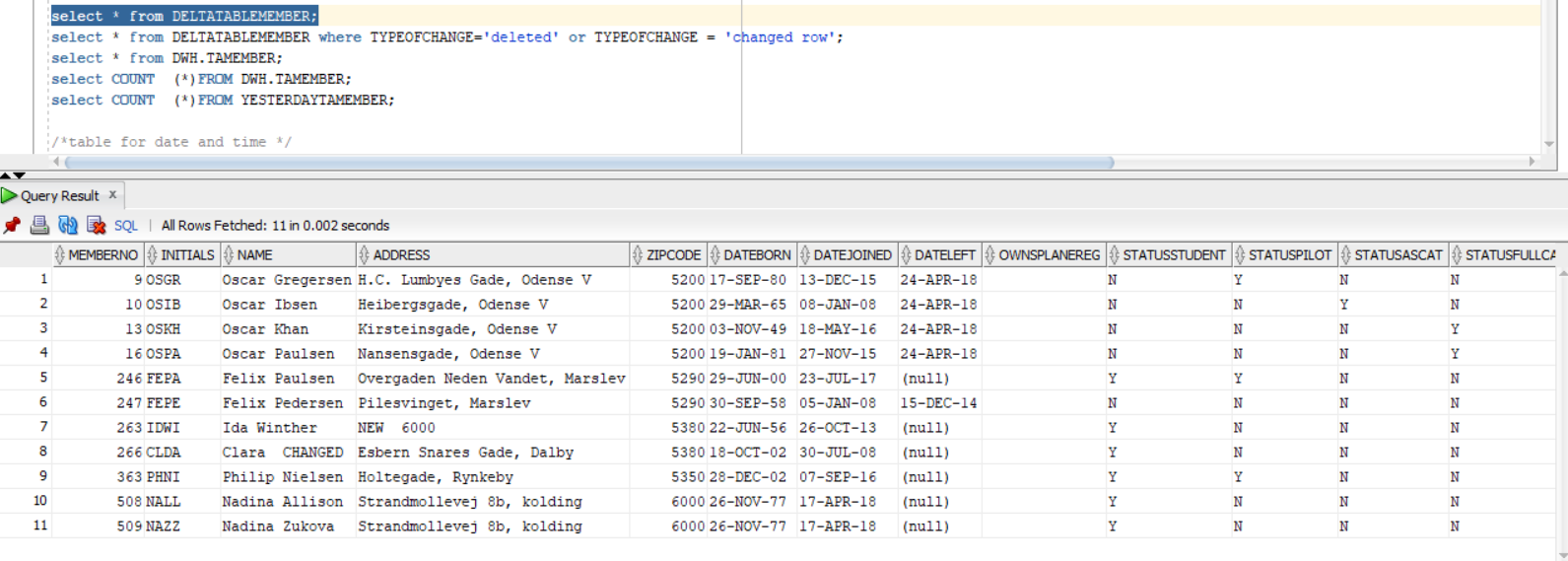
### 7. Documented tests of the flows.

Test of the dimension member.

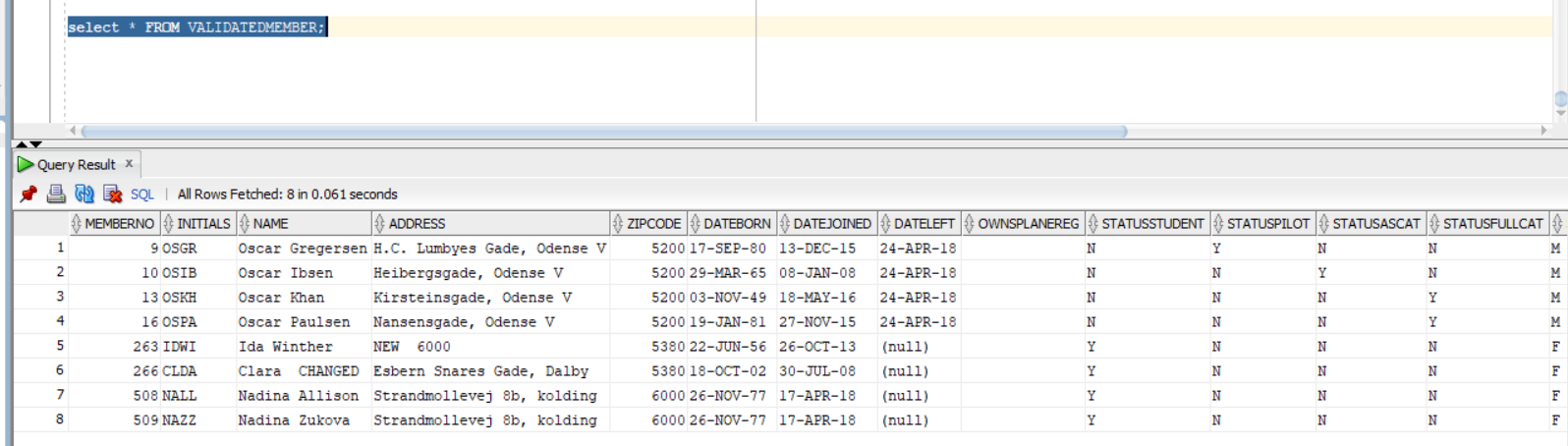
Updates and inserts on DWH member table:



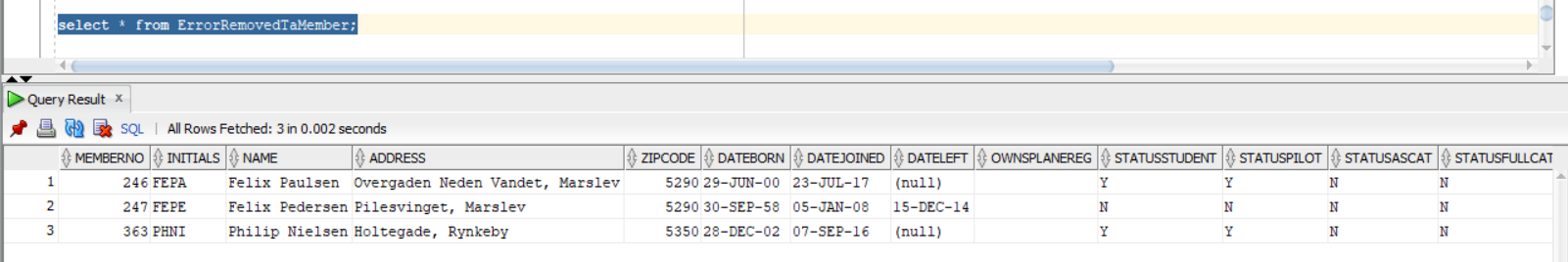
DeltaMembertable:



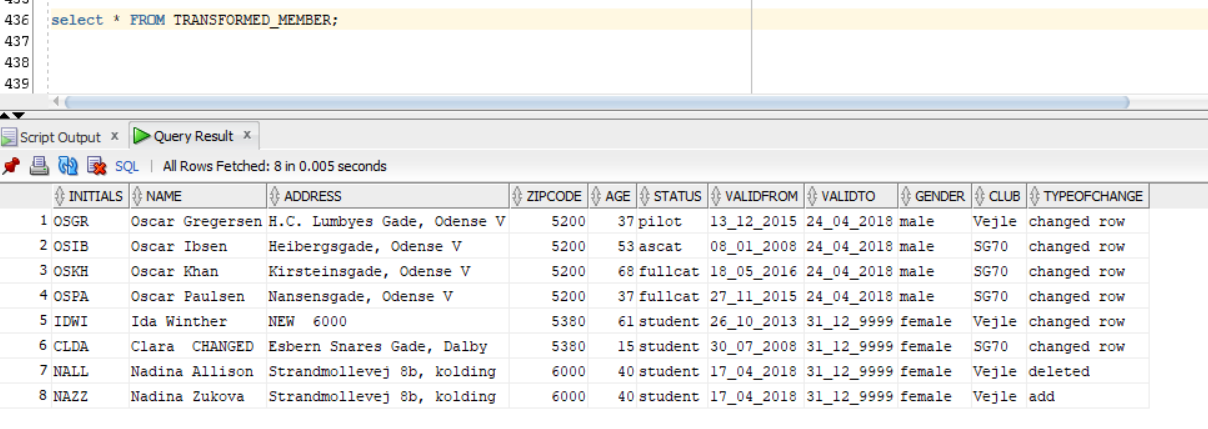
Validated members:

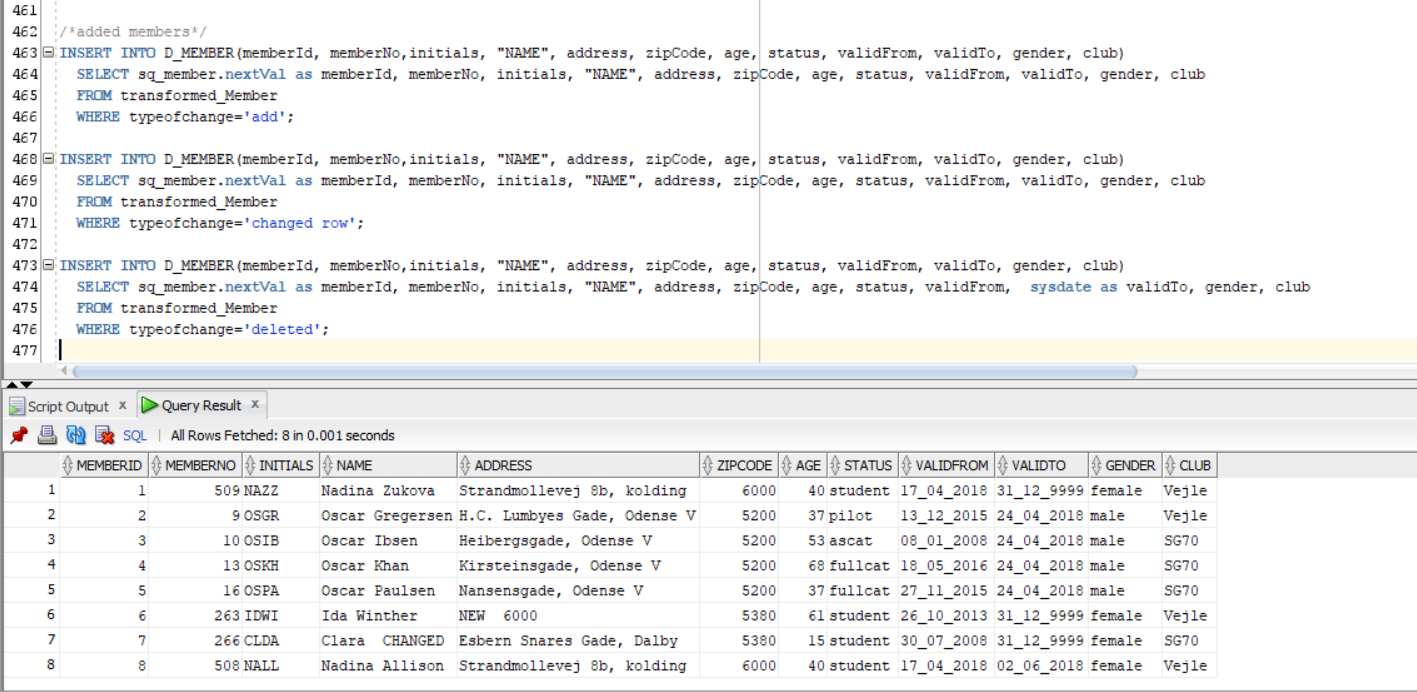


Removed entries:



Transformed member:

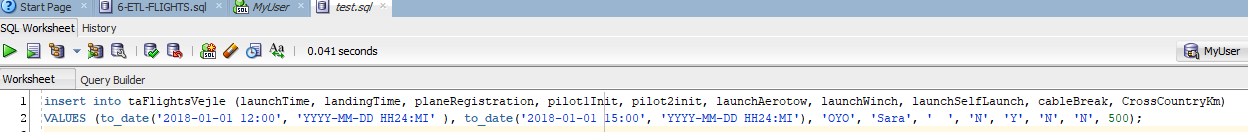




2. Test of the fact table

First we **inserted 2 new flights**, one with **one pilot**, and the second one with **2 pilots** in the taFlightsVejle.

Inserting one pilot





Inserting two pilots





Our f\_flight table looked like this in the end, and the id’s matched with the ones we inserted.

