



Northeastern University

College of Engineering

IE 6750 Data Warehousing and Integration

Project Title

Policy Lapsation in Life Insurance

Milestone 4

Group 4

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Policy Lapsation in Life Insurance

Dim_Agent

The screenshot shows a PostgreSQL database client interface with a query window displaying the results of a SELECT statement from the 'dim_agents' table. The data includes columns such as agent_id, first_name, last_name, status_name, effective_start_date, and effective_end_date. The Talend Data Integration tool window shows a complex ETL job named 'agent_map'. It features a 'Data Map' component with multiple input and output ports, and a 'Talend Run' component showing a history of runs.

Tmap1:

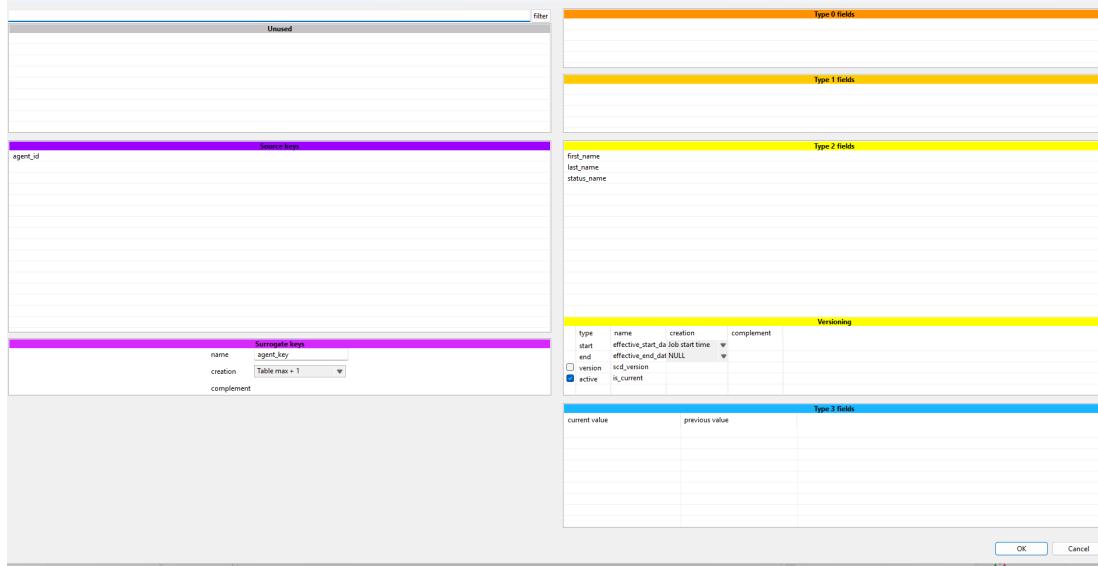
This screenshot displays the configuration of the tMap1 component. It maps fields from 'row2' to 'row3'. The 'row2' schema includes columns like agent_id, first_name, last_name, email, phone, joining_date, status, and commission_rate. The 'row3' schema includes agent_key, agent_id, first_name, last_name, status_name, effective_start_date, effective_end_date, and is_current. The 'Expr. key' section shows a mapping for 'row2.agent_id' to 'row3.agent_key'. The 'Schema editor' and 'Expression editor' sections show the detailed schema definitions for both rows.

Tmap2:

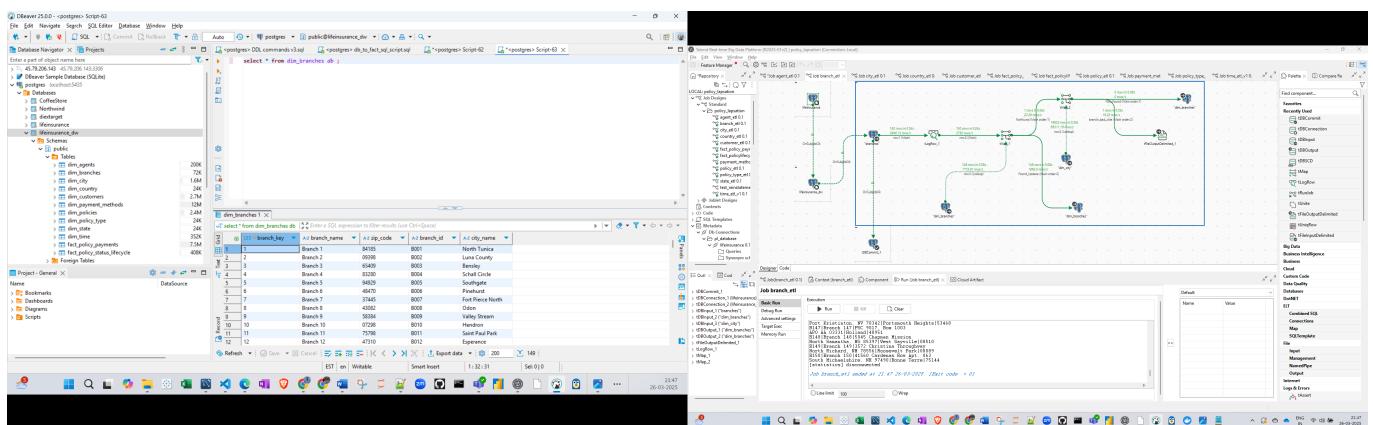
This screenshot shows the configuration of the tMap2 component. It maps fields from 'Not_found_insert' to 'insert_SCD'. The 'Not_found_insert' schema includes agent_key, agent_id, first_name, last_name, and status_name. The 'insert_SCD' schema includes agent_id, first_name, last_name, and status_name. The 'Schema editor' and 'Expression editor' sections show the detailed schema definitions for both datasets.

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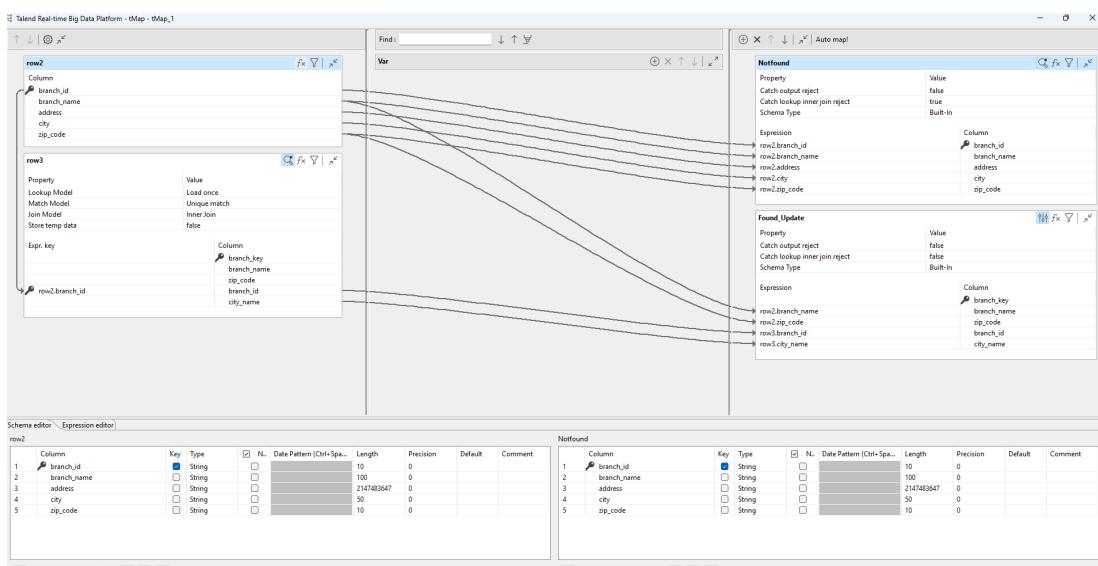
SCD Type2:



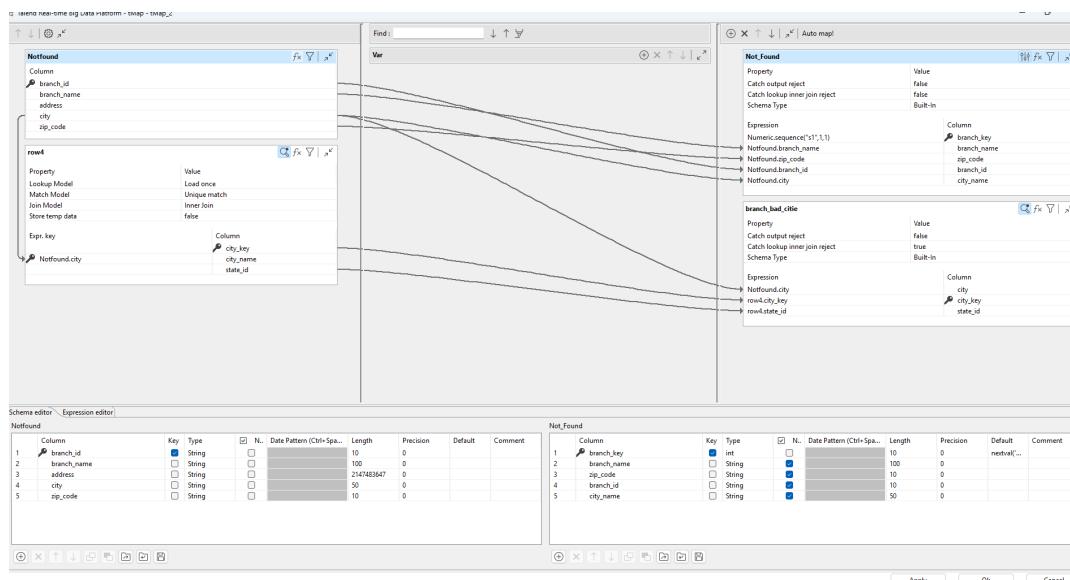
Dim_Branch



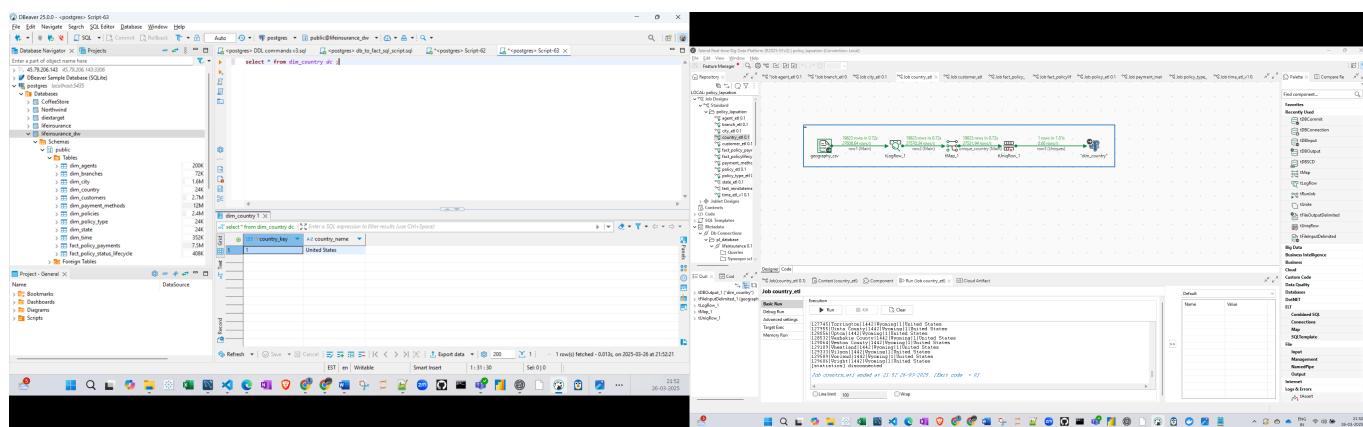
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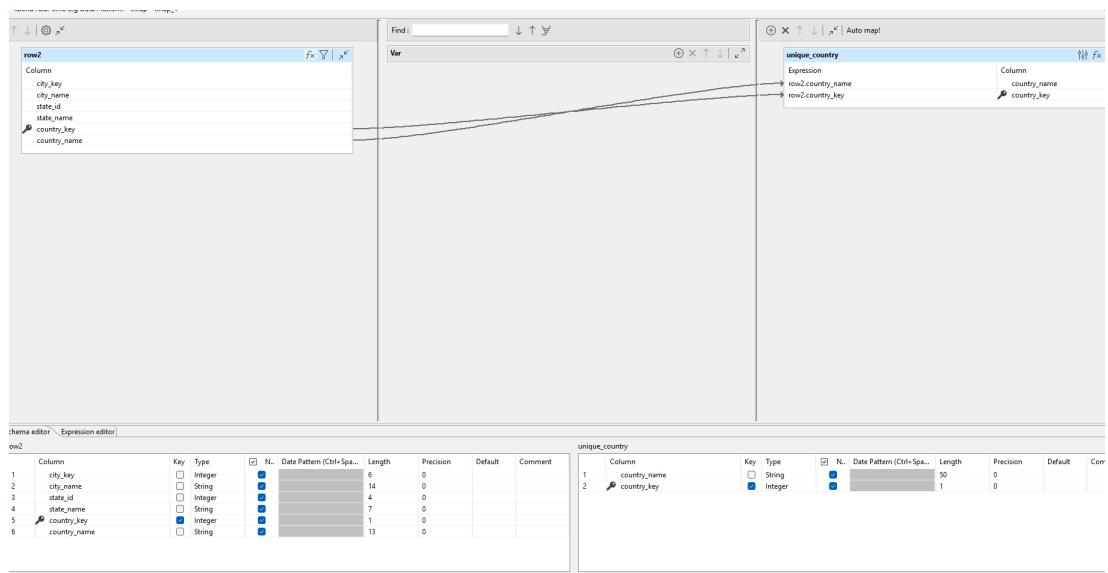
Tmap2:



Dim_Country

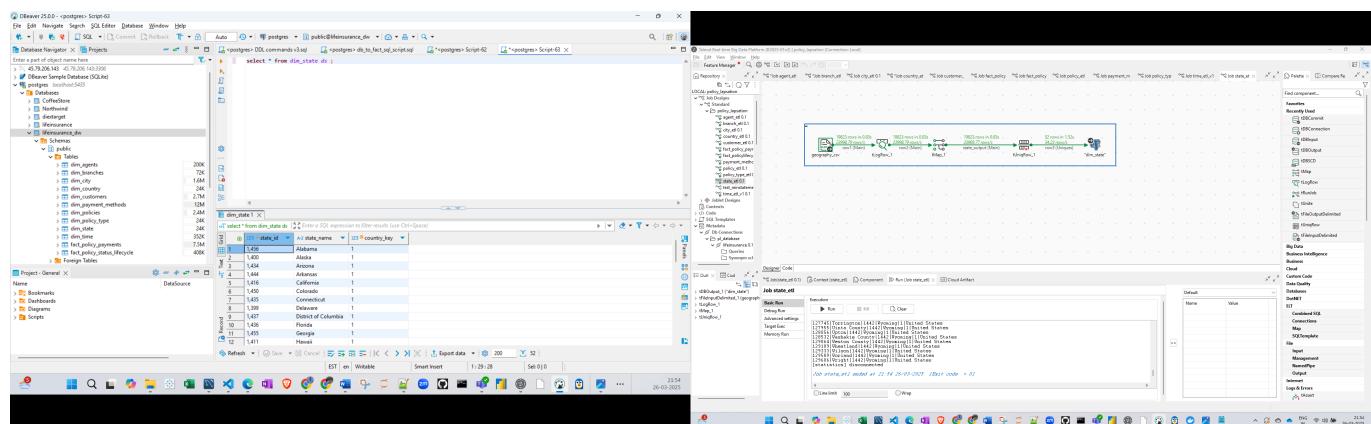


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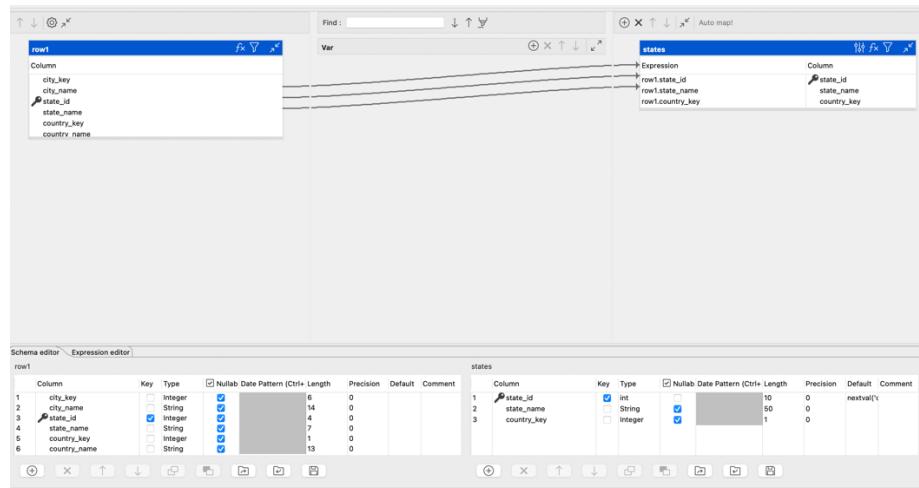


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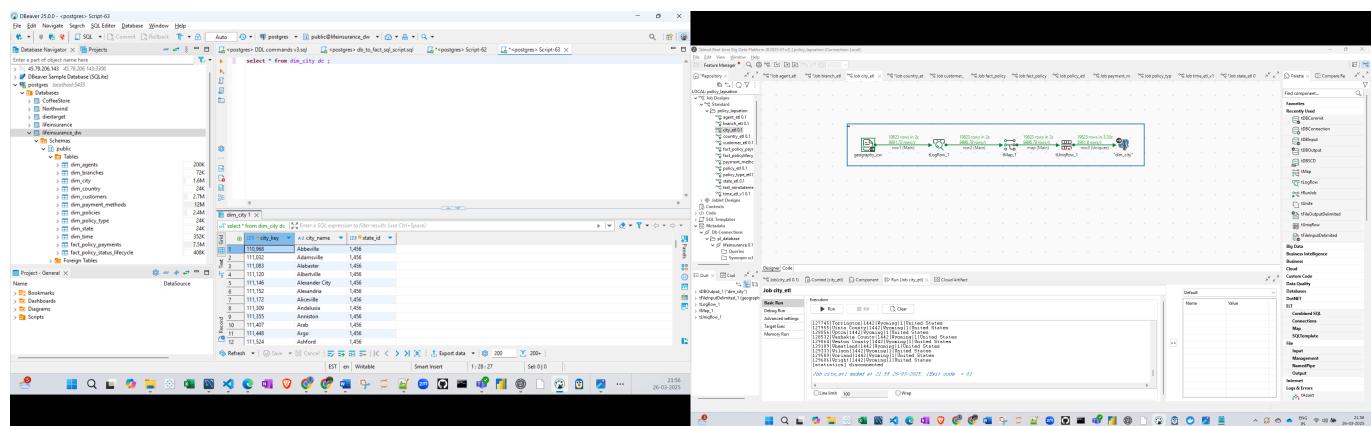
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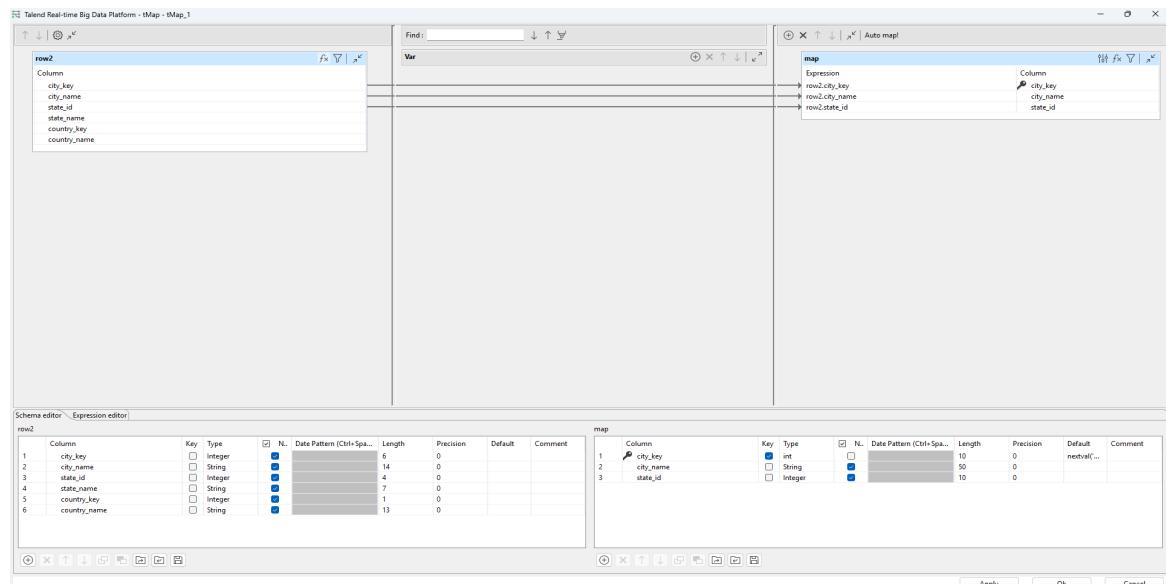
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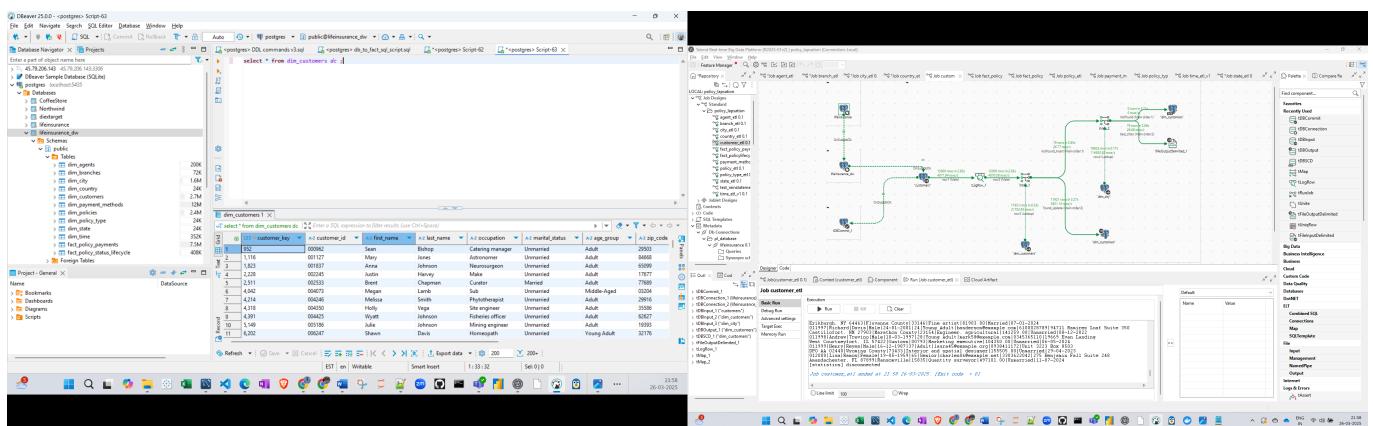
Dim_City



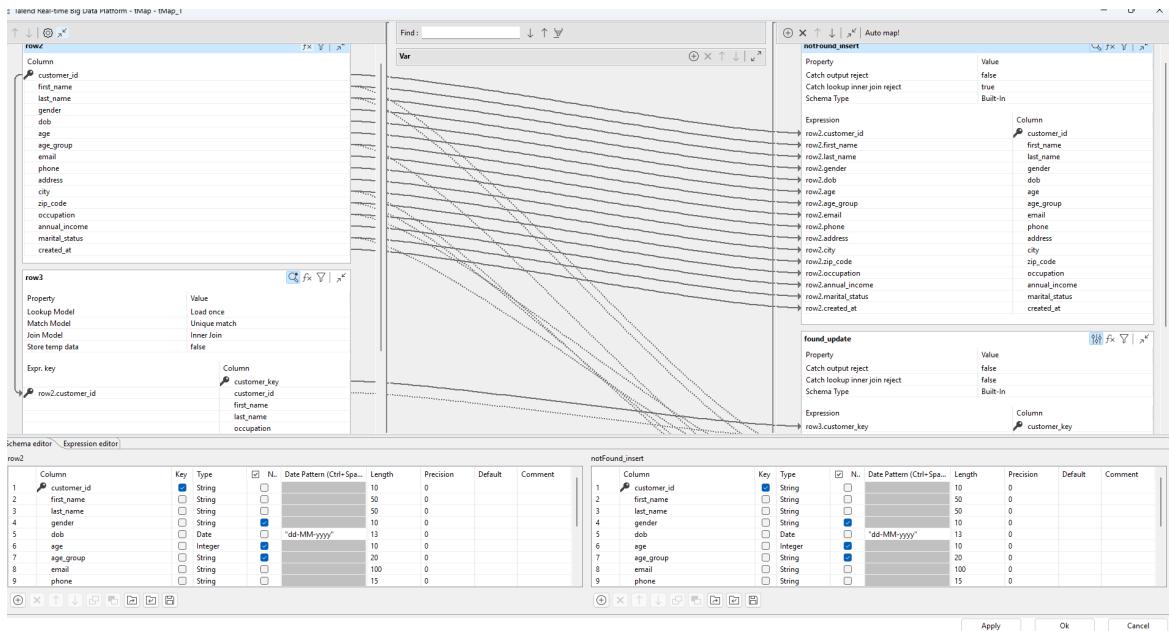
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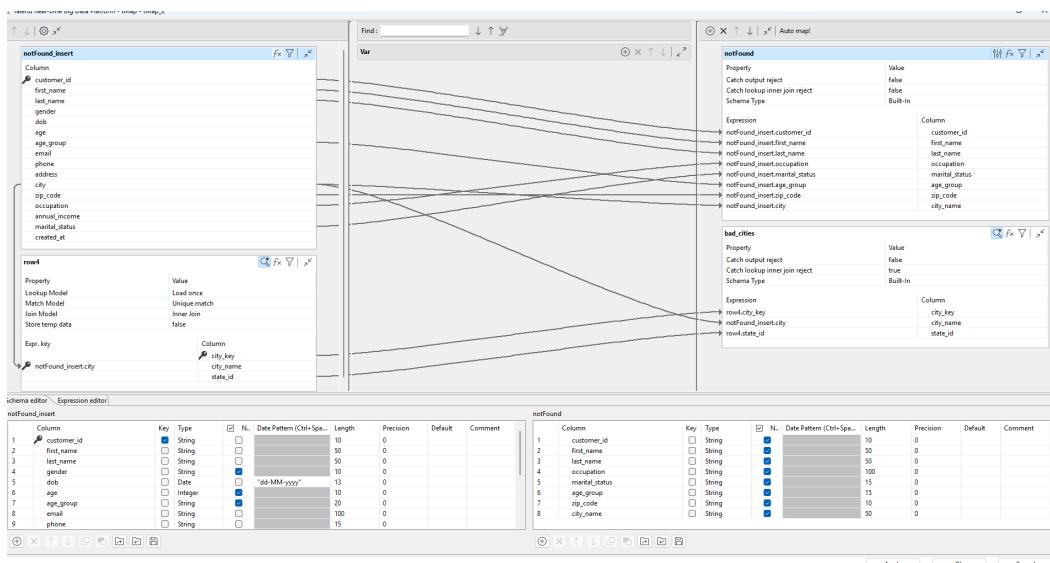
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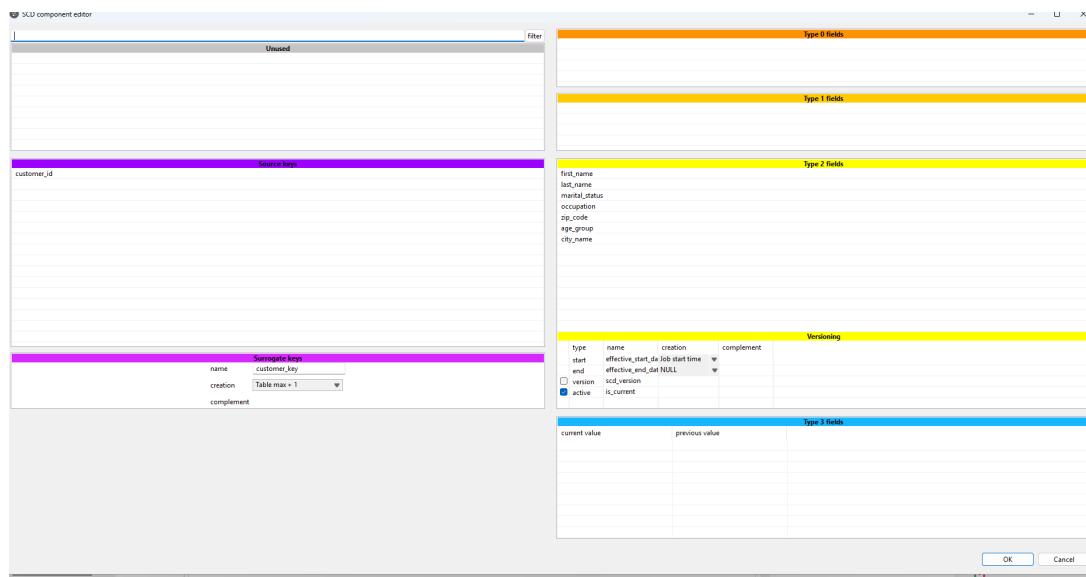
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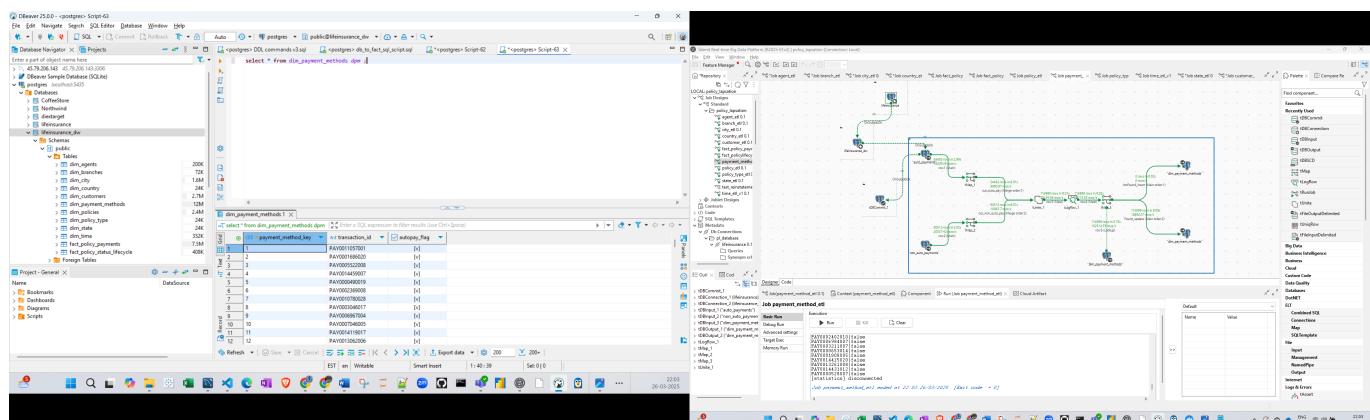
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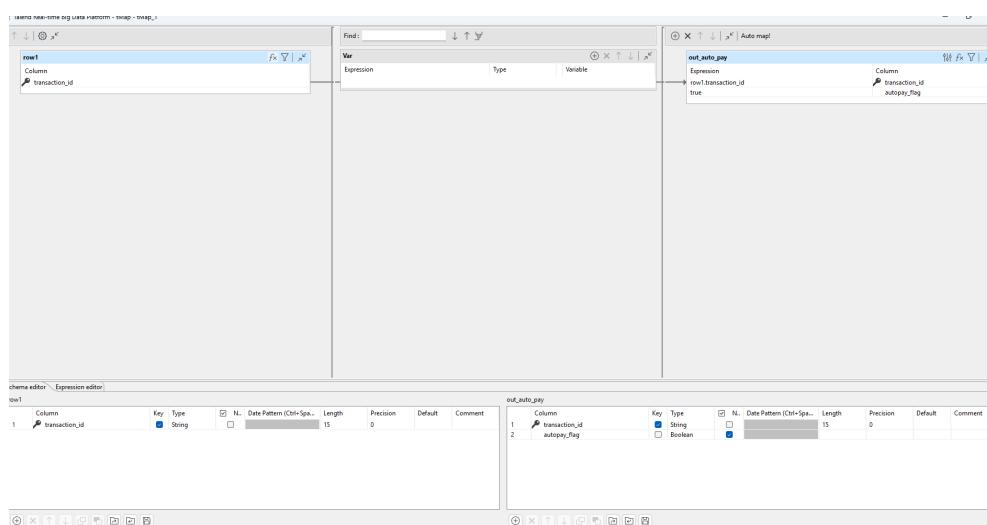
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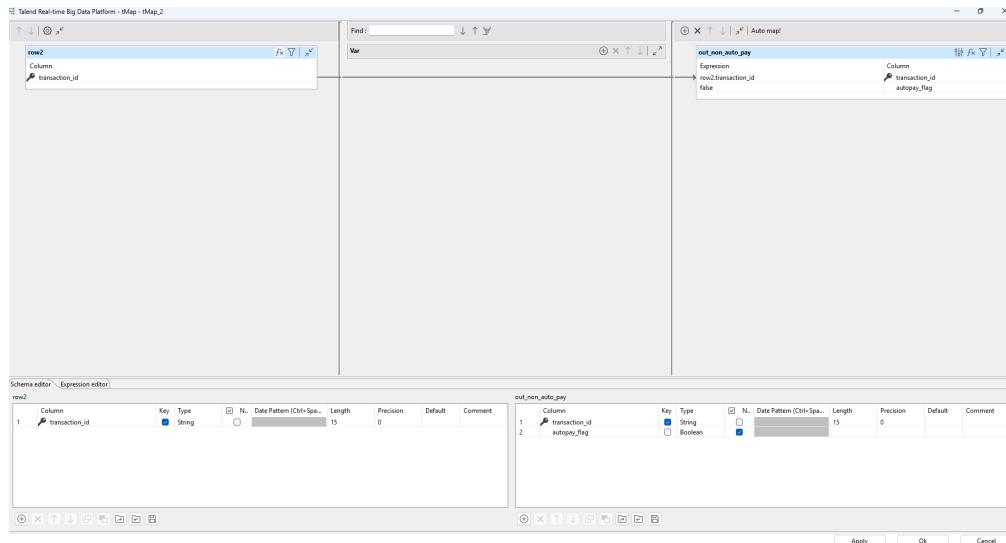
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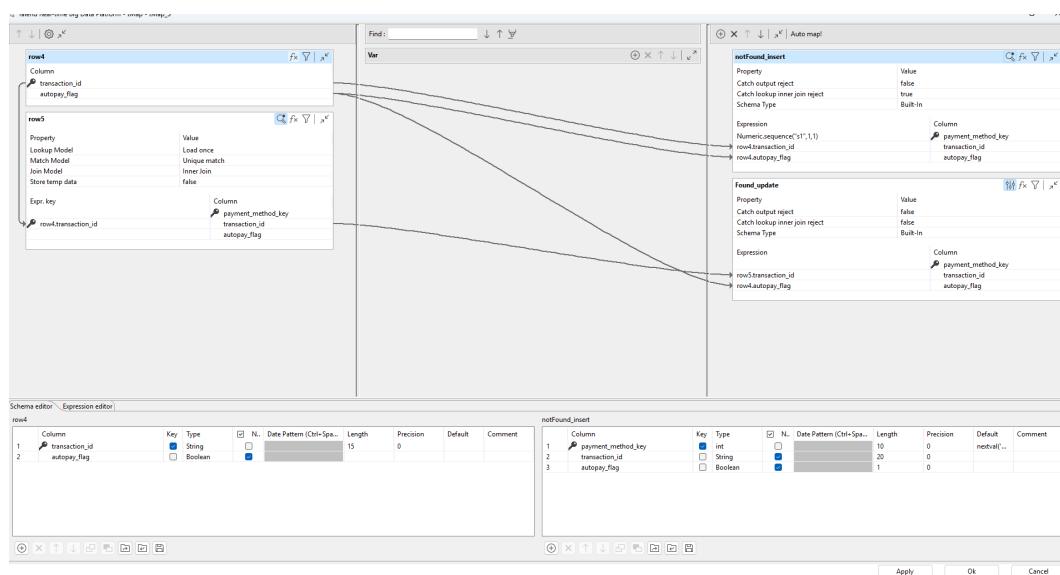
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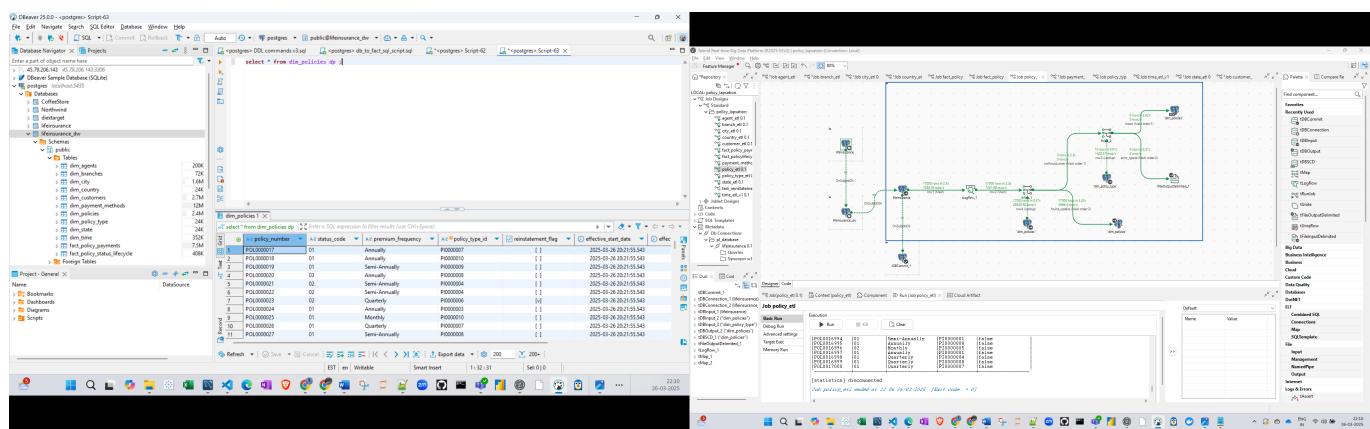
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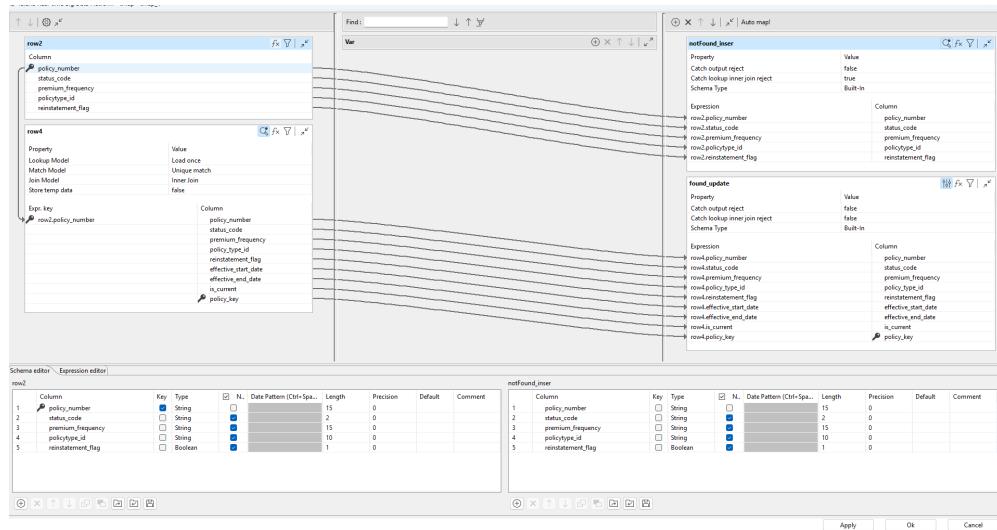
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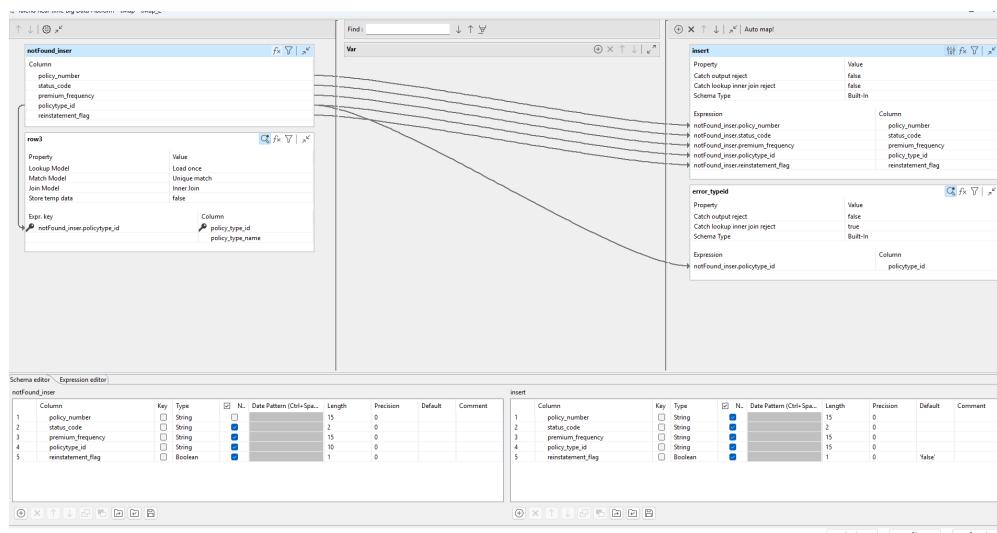
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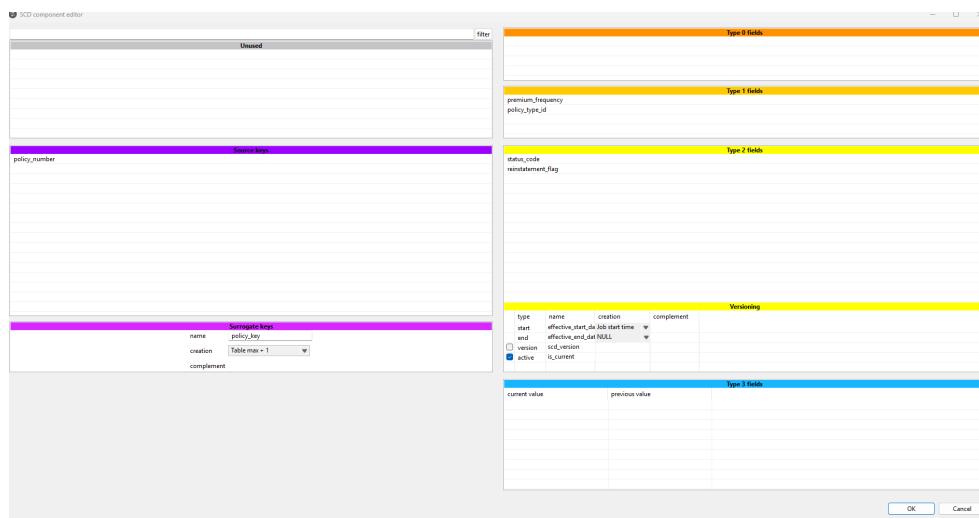
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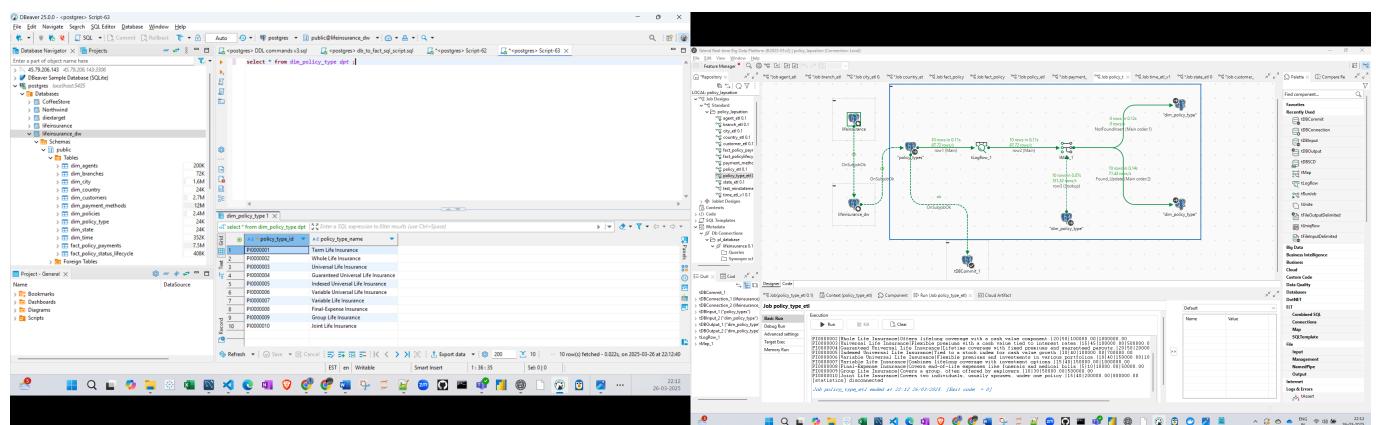
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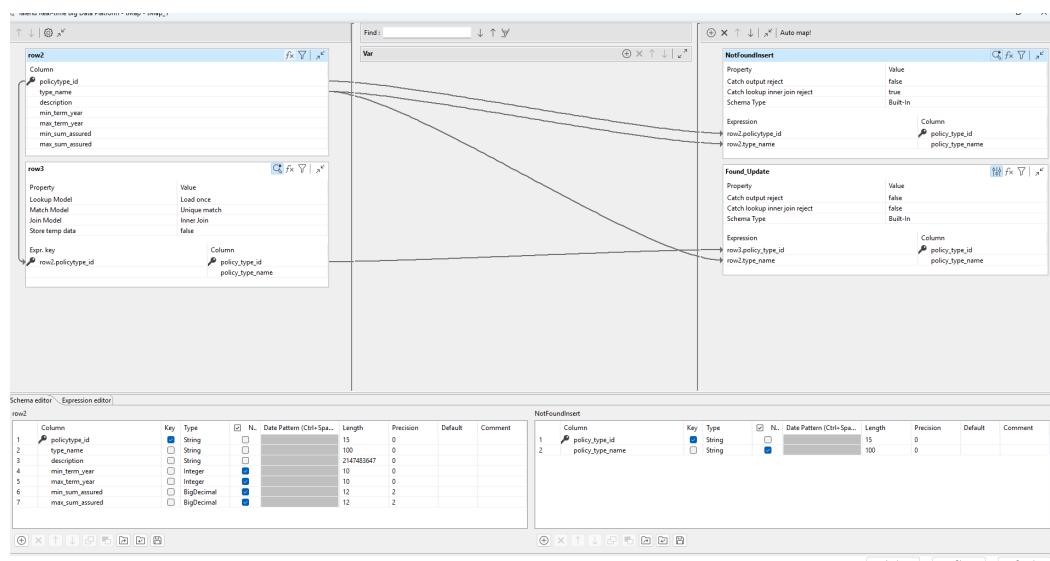
SCD:



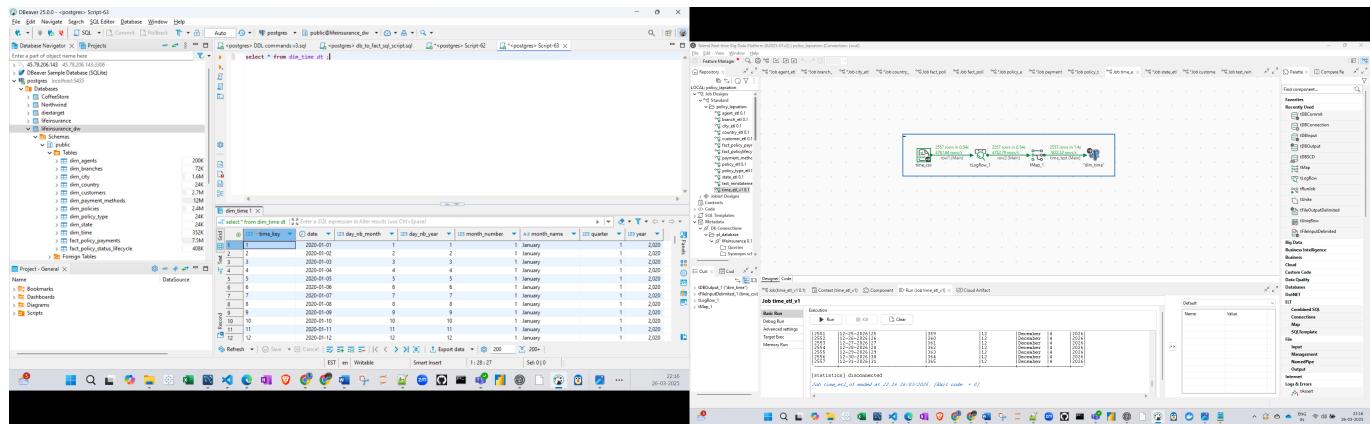
Dim_Policy_Type



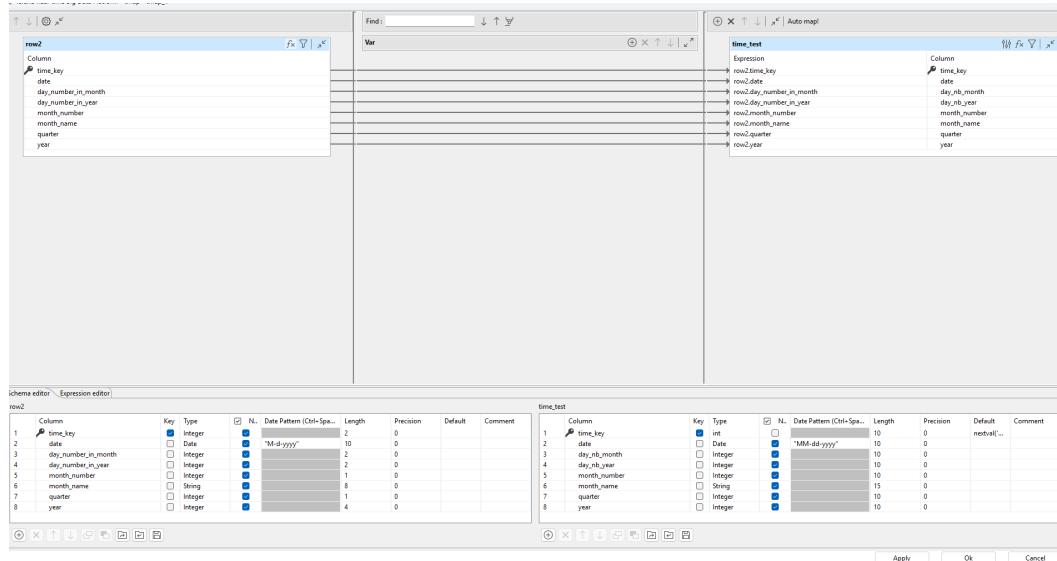
Tmap1:



Dim Time



Tmap:



Fact Policy Payment

Tmap:

Fact Policy Life Cycle

