

ETL – INFORMatica POWER-CENTER EMPLOYEE_DATA_ANALYSIS USING SCD TYPE-3

OVERVIEW

This Informatica project involves Extracting, Transforming, and Loading (ETL) data from a CSV file: employee_data.csv, and representing the SCD type-3.

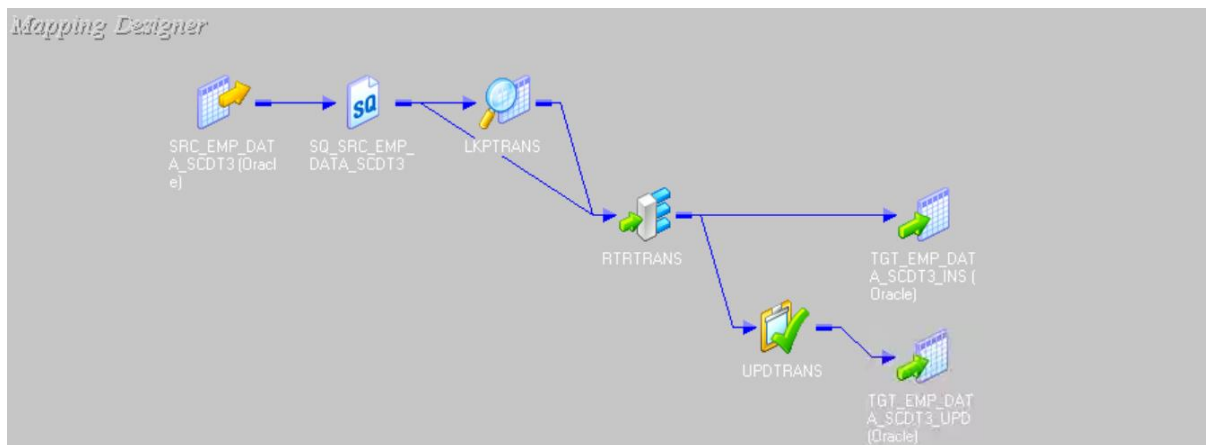
SCD Type-3:

- To maintain the partial history of a record in the dimension table.
- The record stores the previous value of a chosen attribute along with the current attribute value in the SCD Type-3 table.

TASK

Analyze the INSERT records and UPDATE records using SCD Type-3.

SCREENSHOT



OUTPUT

- INSERT a new record in the Source Table (EMPLOYEE_DATA) in Oracle SQL Developer and execute the workflow.
Get a new record in the Target Table (TGT_EMPLOYEE_DATA_SCD3) in Oracle SQL Developer.
e.g., Current_Title = inserted_value and Previous_Title = (null)
- UPDATE existing records in the Source Table (EMPLOYEE_DATA) in Oracle SQL Developer and execute the workflow.
Get an updated record in the Target Table (TGT_EMPLOYEE_DATA_SCD3) in Oracle SQL Developer.
e.g., Current_Title = updated_value and Previous_Title = (Current_Title – 1)