



Migration of ETL System from Oracle to Teradata

Manufacturing

Project

Migration of ETL system from Oracle to teradata

Client

Leading manufacturing company

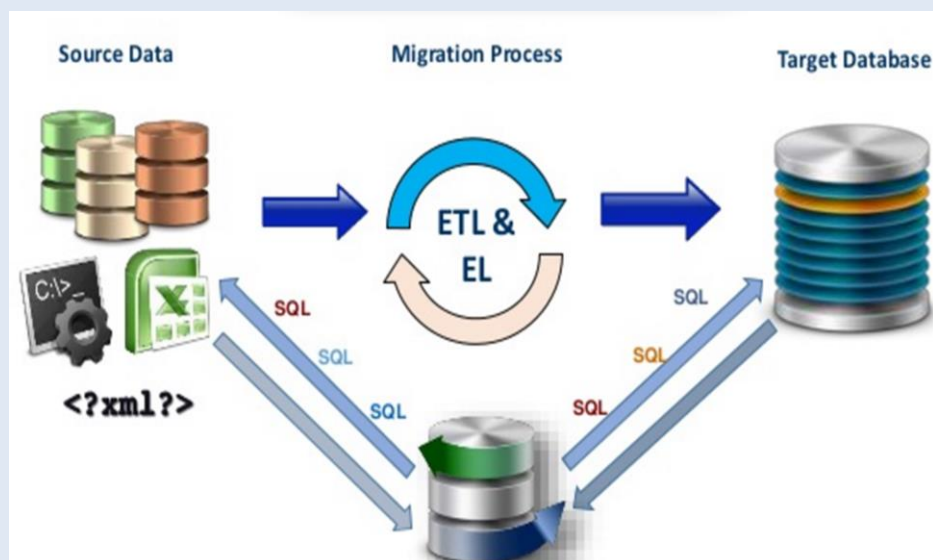
Summary

A Leading retail manufacturer has upgraded his ERP Instance and they also want to upgrade their reporting Data base also from SQL Server to Teradata.

The current ETL instance is using set of procedures, functions and External Scripts to load the data which needs to be convert into Teradata instance.

Challenges

- The main challenge was to increase the performance and increase production time
- Upgrading SQL Server to Teradata by converting procedures, functions and external scripts without changing the functionality of the existing scripts.



Solution

- Understand their Repair-Center tracking reporting requirements
- Re Write the query using without changing the functionality of the output
- Replacement Ratio Validation – Selection of different Replacement Ratio of a model which similar to the new model.
- Change in the data representation in the views leading to improved performance.

Results

- Reduce maintenance costs, simplify architecture and simplify systems by eliminating 70% of job steps
- Efficiency of the ETL Load time by 2x times
- Increase query concurrency by 8 times
- Increase ad hoc query performance by 10 times

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