Extraction, Transformation And Loading(ETL) Layer

E

The Total Data From Emp is Extracted

Empno
7654
7499
7844
7521

MyBonus	
Empno	**Bonus**
7654	100
7499	100
7844	100
7521	100

WHERE Job = 'SALESMAN'   **DEFAULT 100**

Mapping

WHERE Deptno = 30

Business Operations

- **INSERT**
- **UPDATE**
- **DELETE**
- **SELECT**

Source Database Server
OR
OLTP SYSTEM

S

EMPNO	SAL
7698	2850
7654	1250
7499	1600
7844	1500
7900	950
7521	1250

ON(MERGE Condition)

S.Empno = B.Empno

WHEN MATCHED THEN

7654	1250
7499	1600
7844	1500
7521	1250

UPDATE The Bonus

WHEN NOT MATCHED THEN

7698	2850
7900	950

B	
Empno	**Bonus**
7654	225
7499	260
7844	250
7521	225
7698	285
7900	95

MyBonus	
Empno	**Bonus**
7654	225
7499	260
7844	250
7521	225
7698	285
7900	95

Target Database Server
OR
OLAP SYSTEM
DWH OR Data Mart