

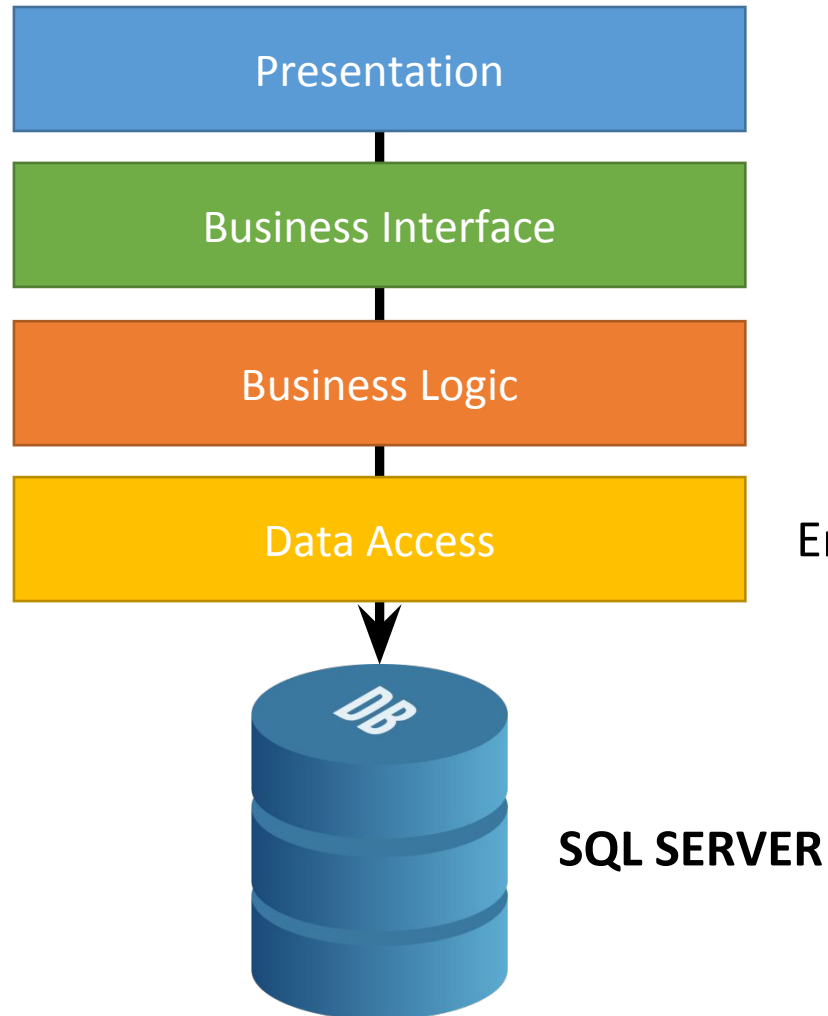
openIMIS – Database and Data warehousing

February 13th 2018
openIMIS workshop

Agenda

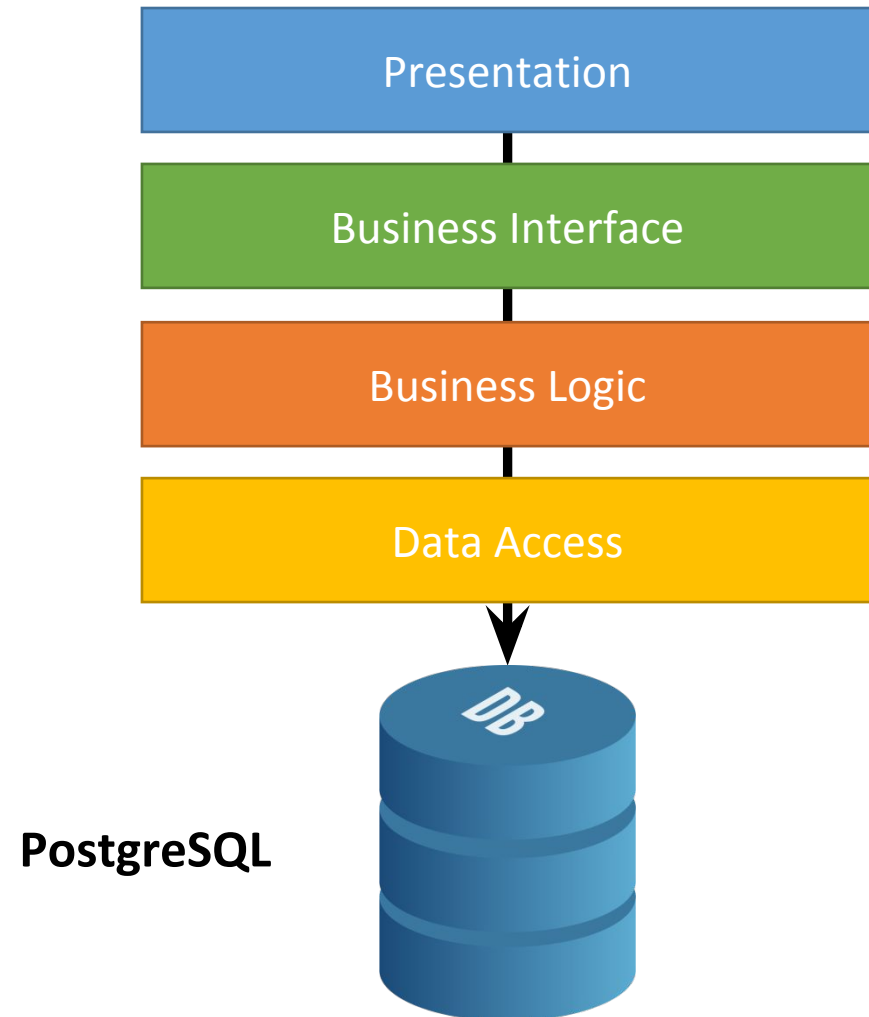
1. Current database in use
2. Using another database
3. Current data warehouse in use
4. Using other data warehouses
5. Why changing DB/DHW?

Current database in use



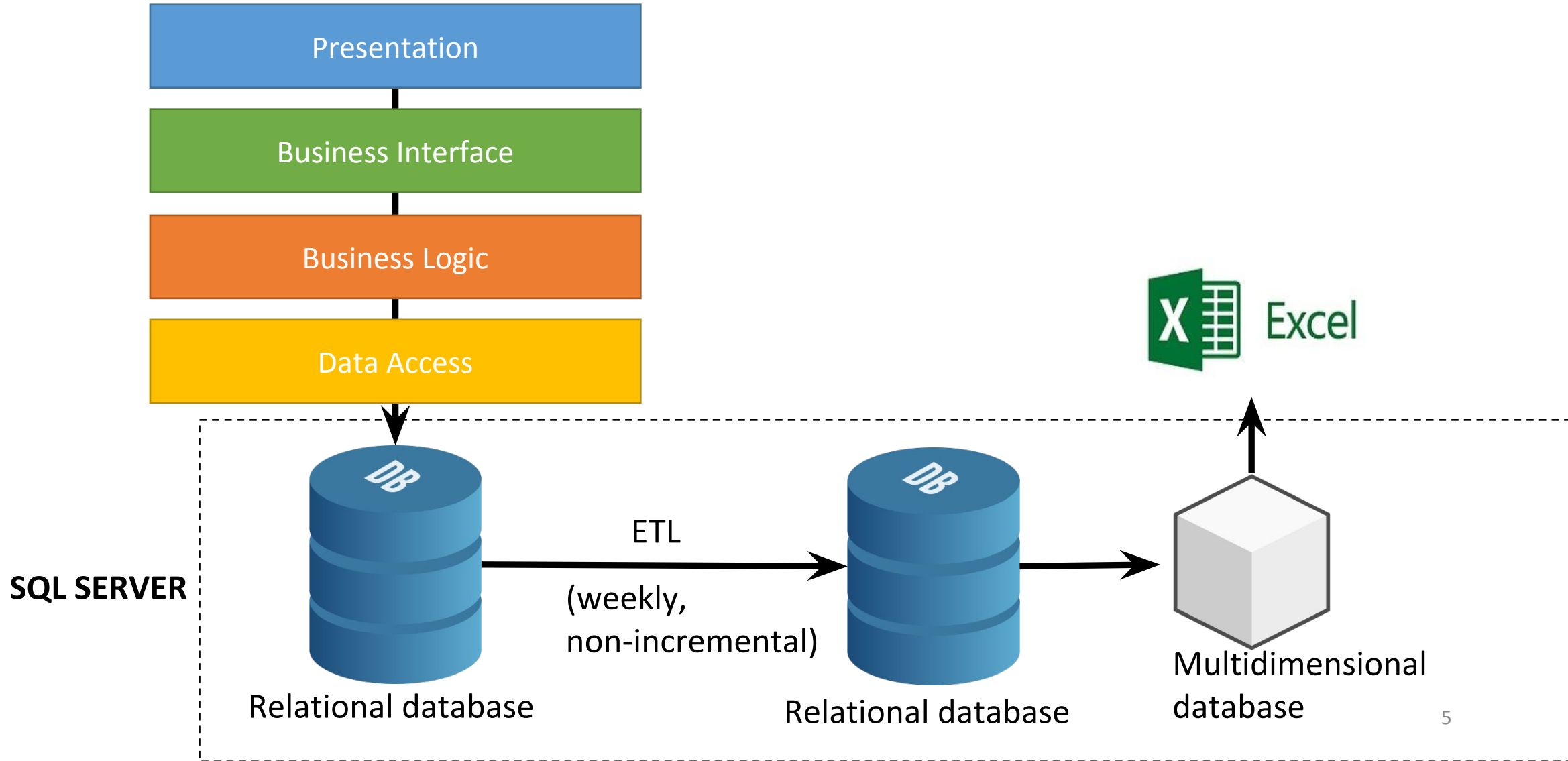
Entity Framework is used to access the database

Using other databases (e.g PostgreSQL)

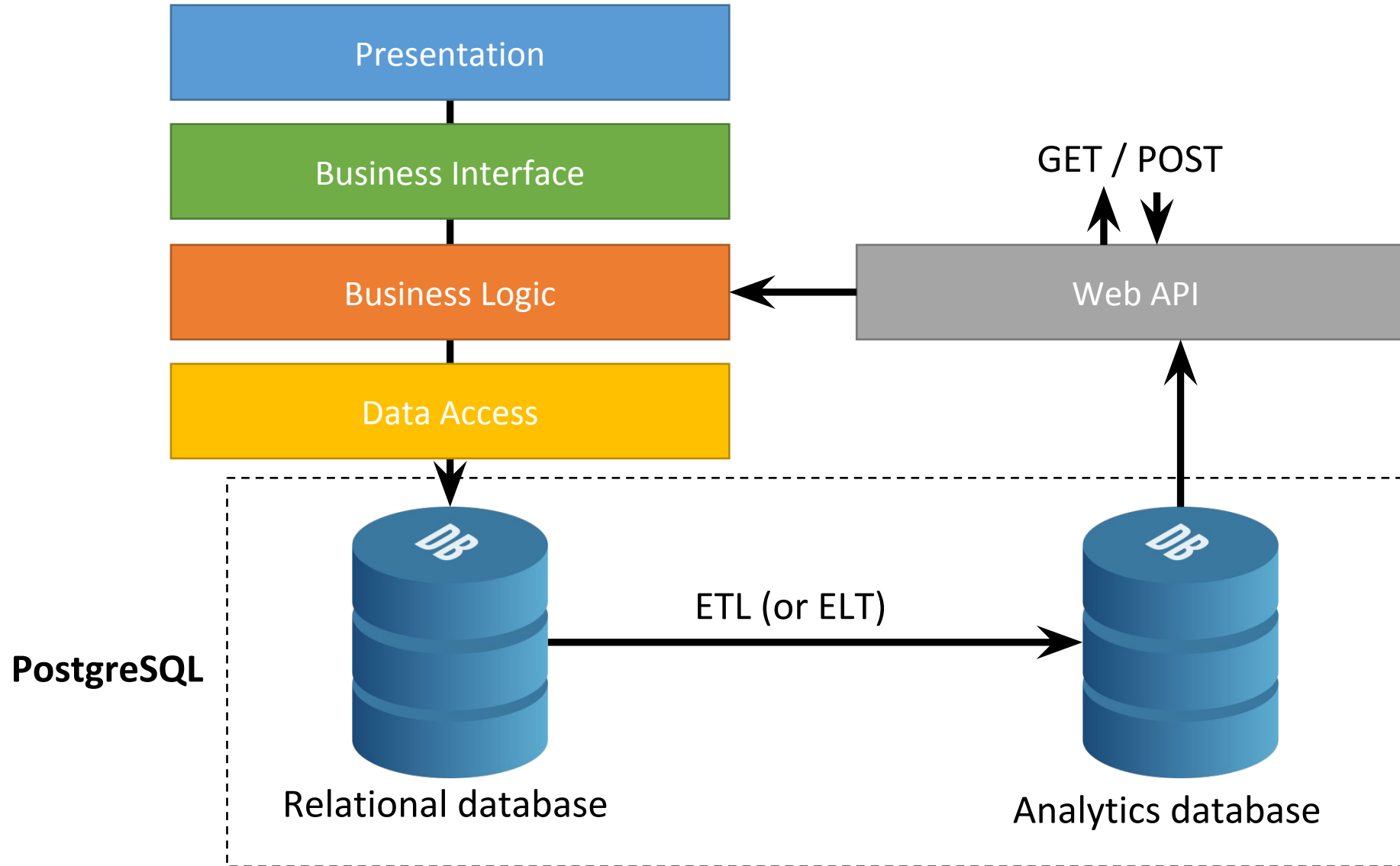


- Add package “Npgsql” to the project
- Add a reference to this package in all Data Access objects
- Map the .edmx object to the PostgreSQL

Current data warehouse in use



Using other data warehouses (e.g. PostgreSQL)



Why changing DB/DHW?

- Pros:
 - Cost saving on the SQL Server Standard Edition
 - (if PostgreSQL) Value, Scalability, Maintenance, Performance
- Cons:
 - Moving away from the Microsoft integrated solution
 - No critical benefit to the beneficiaries?