

SQL in R

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Why need SQL, when we already have R?

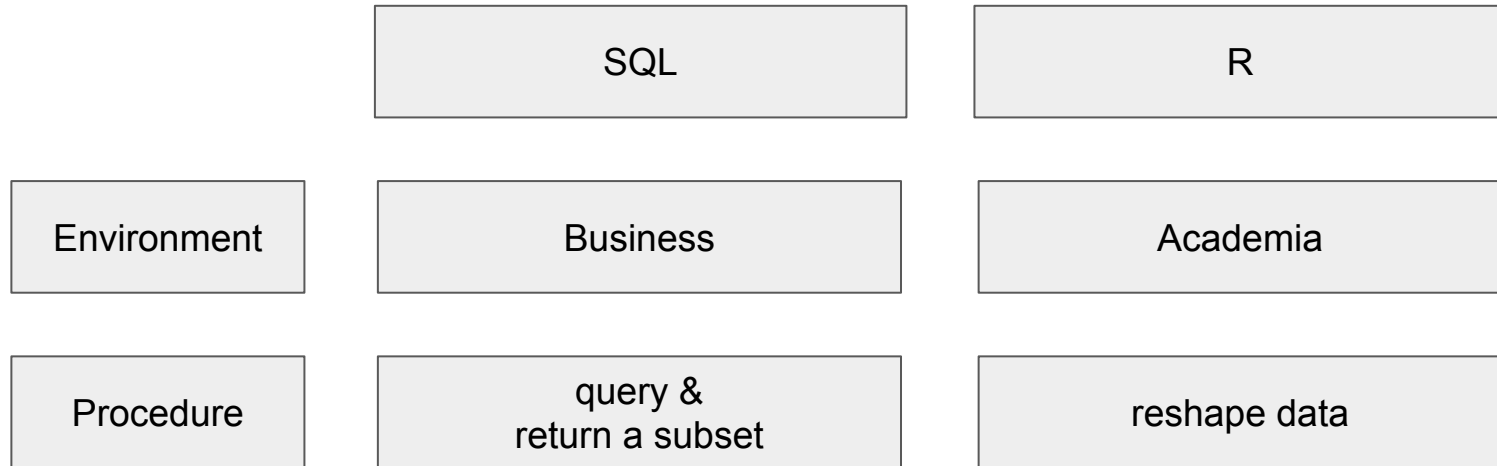
Your company has a **HUGE DATABASE** that your laptop **cannot even read** a single data set.

For **privacy** and/or **security issue**, your company doesn't want to give you the **FULL ACCESS** to data.

Platforms

- MySQL
- PostgreSQL
- SQLite
- Oracle
- ...

SQL needs a platform, and it can be R



A little similar but different.

Some packages provide interface for SQL in R.

SQL interface to R

R packages

DBI

RMySQL

RODBC

dbConnect

RSQLite

RPostgreSQL

Provides

- connection to RDBMS
- execution of queries

sqldf

This does not provide connection
(only syntax)

See the R script file for illustration.