datasqill is a lightweight data transformation and data engineering solution for massive data processing in context of data warehousing, data science, data integration and data migration.

datasqill executes transformations directly in the environment where data is stored which leads to higher performance and transparency. datasqill helps customers get the best out of their data storage solutions and brings it to the next level with rich integration capabilities, smart orchestration, reliable scheduling and customizability.

datasqill is an All-in-One solution that allows development, execution, scheduling and monitoring of data transformations, all within one tool, making it a perfect ETL / ELT choice for all data engineering needs.

Data Transformation Solution For

**Data Warehousing and BI**
Implement ETL and ELT, stage source systems, load 3NF cores, Data Marts, Data Vaults and communicate with reporting systems.

**Data Migration**
Extract data from legacy systems. Cleanse, transform, map and populate data directly into new system.

**Data Integration**
Unify data from heterogeneous sources, parse various formats and publish output in different formats.

**Mass Data and Big Data**
Perform data transformations directly in the environment where data is stored to achieve high performance and minimize network traffic.

**In-Memory Databases**
Program and run transformations with SQL or database-native scripting and utilize natural power of In-Memory Databases.

**Cloud**
Perform and control data transformations running across Cloud and On-Premises solutions seamlessly.

Integration Capabilities

- Databases
- Cloud Services
- Big Data
- Flat Files
- ERP/CRM Systems
- Custom Scripts
- External Scheduler
- Reporting Tools
Highlights

Native Execution
Transformations get pushed down into the environment where data is stored, which allows using datasqill for performant and transparent data processing in ELT and ETL Scenarios.

Smart Orchestration
datasqill identifies dependencies between transformations based on the metadata and executes them in a correct order without creating special job nets thus saving developer efforts and minimizing mistakes.

Reliable Scheduling
datasqill allows scheduled execution of transformation batches while considering inter-batch dependencies and providing visual insights into running batches and control over them.

SQL Support
SQL is a universal transformation and interface language that can be used in all development stages with datasqill: from prototyping to implementation thus making development process more agile.

Modularization
datasqill provides a number of modules to streamline transformation routines. Custom modules can be built using generic or database-native technologies and integrated seamlessly.

Built-in Data Historization
Built-in historization solution for databases allows efficient data management for scenarios like Slowly Changing Dimensions (SCD2), data staging and maintaining mapping tables.

All-in-One Solution
datasqill is a Client-Server Solution based on the modular architecture that ensures high level of stability and performance, wide integration capabilities and customizability. datasqill Client allows efficient and intuitive development, running and scheduling of transformations and batches, all within one tool.

Request a Demo
We would be glad to show you how datasqill can improve your data transformation processes and address your data engineering challenges. Feel free to contact us at contact@datasqill.de.