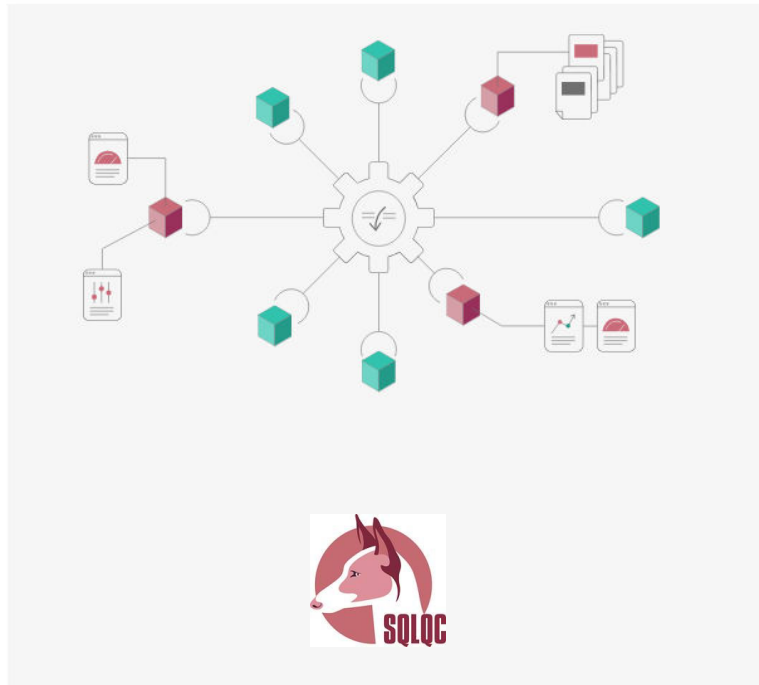


# SQLQC™ - Simplified SQL tuning with SQL Quality Control

## Improve Throughput and Reduce Mainframe Costs

SQLQC maximizes CPU savings within your SQL applications by identifying tuning opportunities and automatically proposing cost-saving solutions – **no other product on the market has this autonomous capability.**

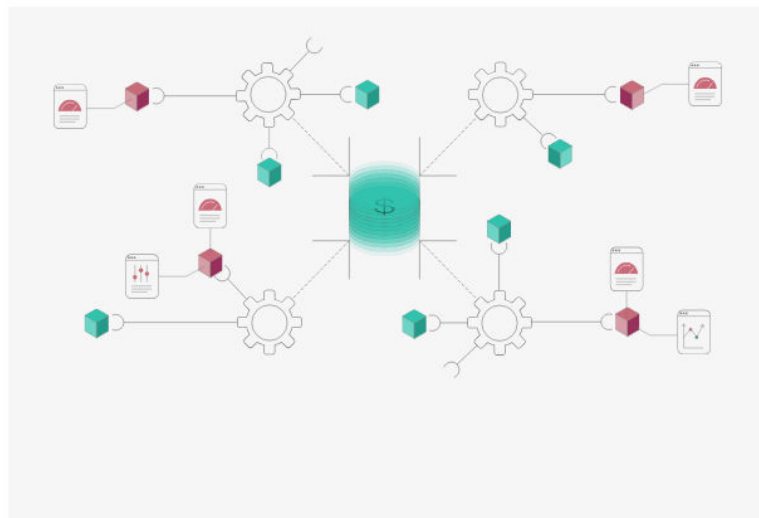
Gain a comprehensive view of your SQL environment. Track changes in SQL statements, monitor CPU consumption, identify unnecessary indices, and delve into historical performance data—all through an intuitive GUI powered by Grafana Dashboards.



## Reduce Operating Costs

The primary factor affecting mainframe operating costs is the application workload. While advancements like zIIP processors enable cost reductions, the application-specific workload remains critical. SQLQC addresses this by autonomously identifying tuning opportunities, such as missing indices.

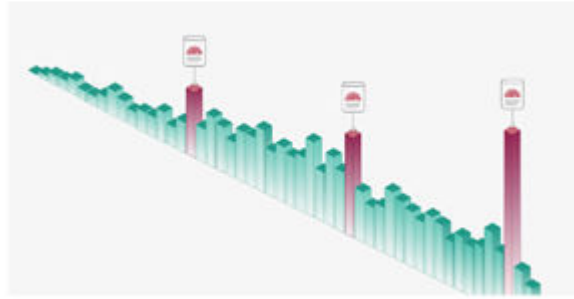
It collects comprehensive data and provides a precise overview of SQL statement changes.



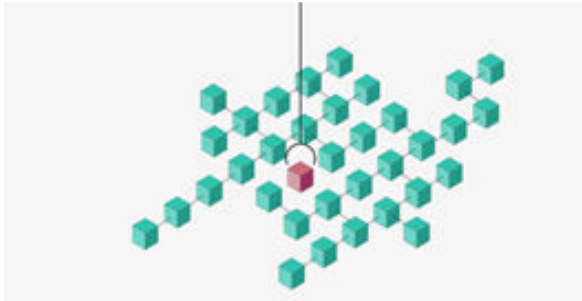
## Key Features of SQLQC



Access Path Changes: Track Changes in access paths over time



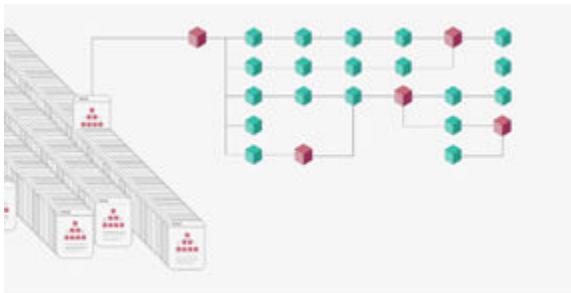
CPU Consumption Growth: Monitor growth rates in CPU consumption per SQL Statement



Unnecessary Indices: Identify unnecessary indices with insert activity



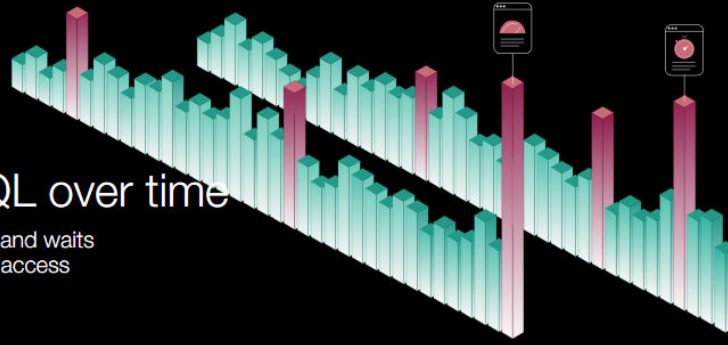
SQL Statement History: Access the historical data of each SQL statement, including CPU consumption and associated class 3 wait times



Access Path History: View the history of access paths for each SQL Statement

## Track every SQL over time

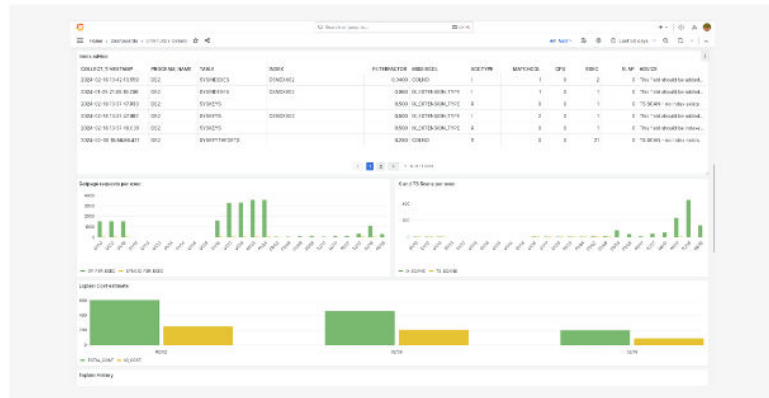
Monitor consumption figures and waits (IO, Lock, log). Keep track of access paths at any given time.



## Modern GUI for Easy Analysis

Grafana Dashboards clearly show which SQL statements have the highest costs and should be the focus of optimization efforts.

Identify and address frequent but less impactful SQL queries.

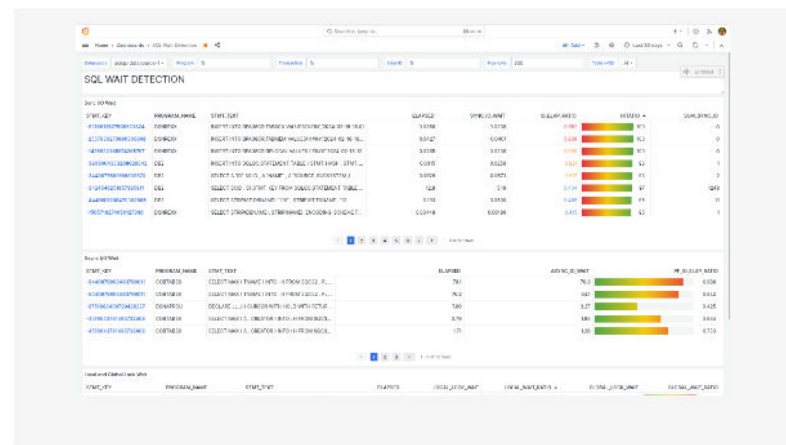


## User Testimonial from REWE

Clear Grafana evaluations are highly appreciated at REWE.

"Employees are motivated to review CPU usage, assess SQL query performance, and optimize their work with SQLQC."

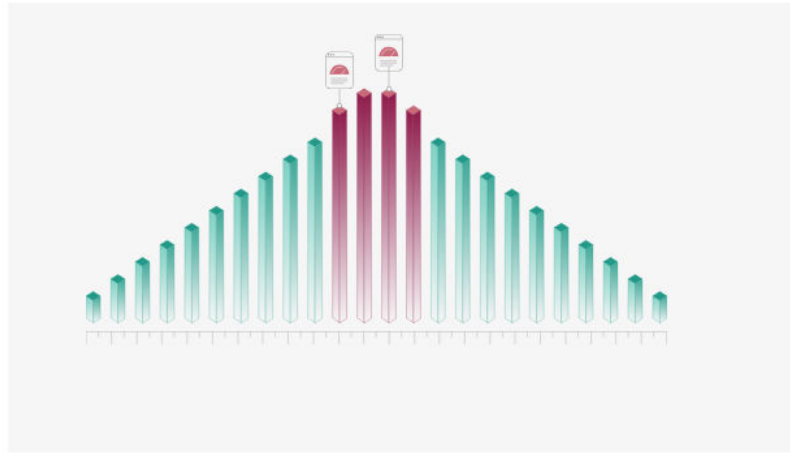
– Vi An Lieu, Db2 Administration  
REWE digital GmbH



## Focus on Peak R4HA for Cost Reduction

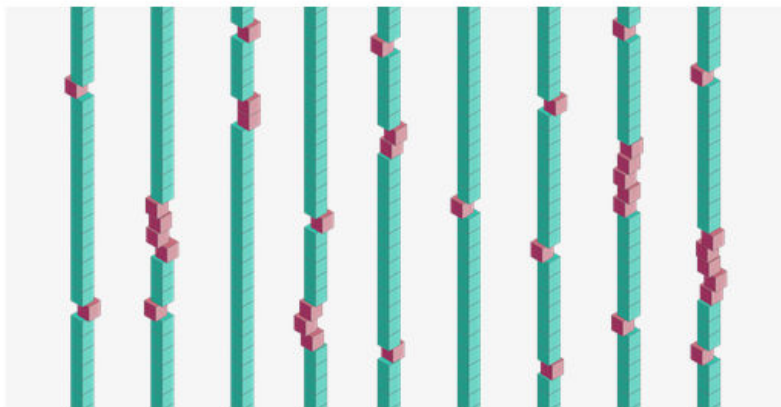
Concentrate cost-saving efforts during the highest rolling four-hour average (R4HA), typically between 10:00 AM and 02:00 PM.

Pinpoint the primary contributors to CPU consumption during peak periods for focused optimization.



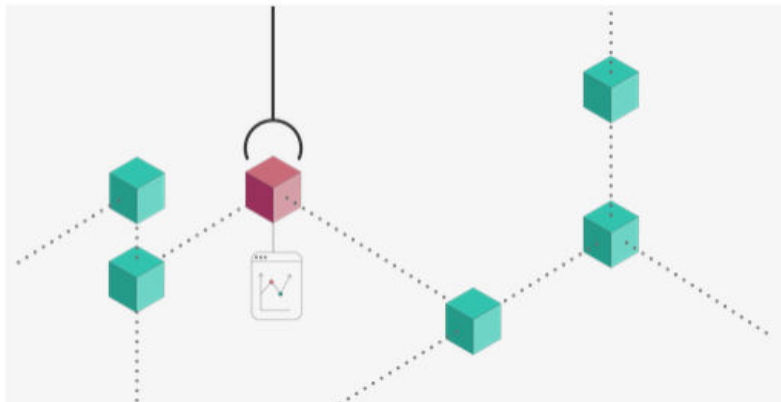
## Technical Details

Db2 Workload Analysis	+
Access Path Changes	+
Index Recommendations	+
Comprehensive Reporting	+



## SQLQC Components

Data Collector	+
Explainer	+
Index Advisor	+
Index Verifier	+
GUI	+



## Simplify SQL tuning with SQL Quality Control!

SQLQC provides a foundation for SQL query performance analysis that makes SQL tuning easier than ever before.

[Contact us for more information.](#)



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