Datometry qInsight

Move analytics to the cloud with confidence

Datometry qInsight™ is the first comprehensive data warehouse analysis used by the Fortune 500 and Global 2000 to map out the replatforming of legacy data warehouses to the cloud. Datometry qInsight gives enterprise customers and IT leaders answers to all critical questions to prepare for a successful replatforming initiative, including:

- Assessing difficulty and complexity of entire workloads
- Supporting sizing and capacity planning
- Identifying specific risks and obstacles

Available as SaaS, qInsight is simple to use and quick to analyze even large and complex workloads in a matter of minutes. Reports are comprehensive, easy to navigate, and provide drill-downs into advanced subjects. Based on a customer-selected sample workload, qInsight provides the knowledge IT professionals need to decide which replatforming strategy is most suitable: replatforming of the entire data warehouse, a staged approach, or the splitting off of individual workloads.
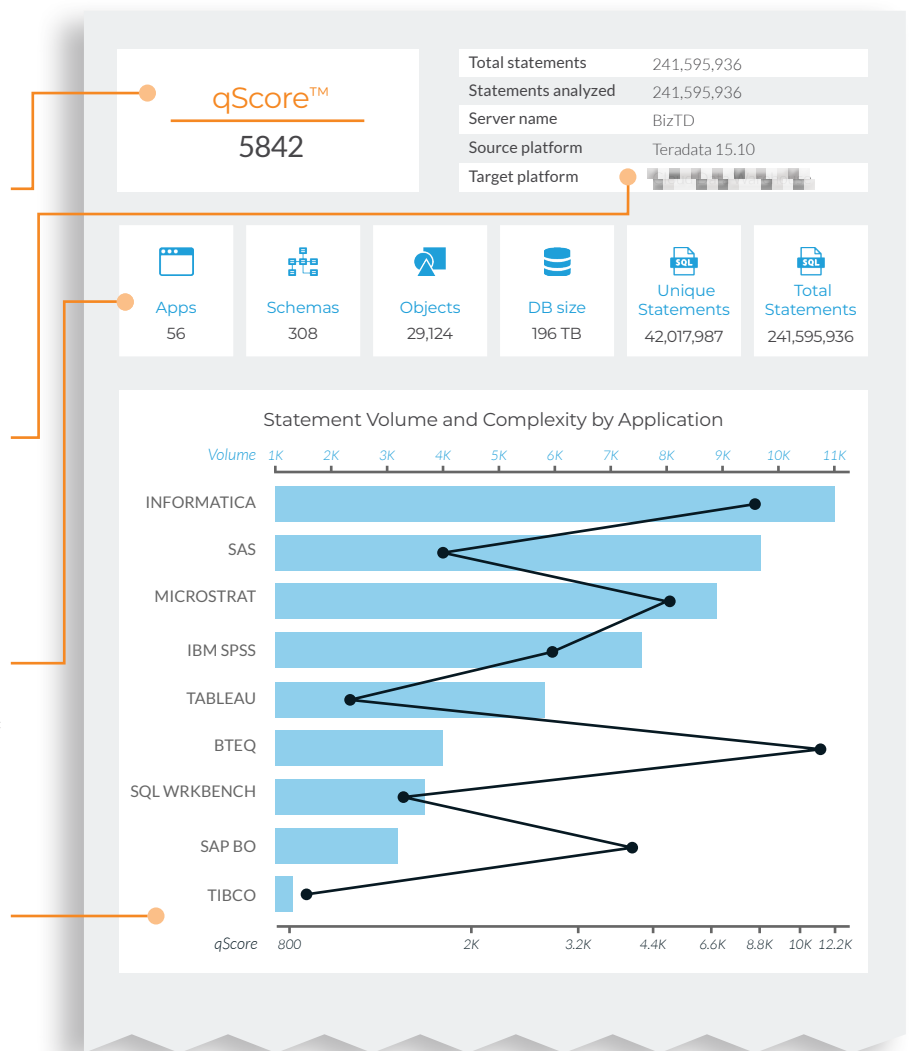
Report Highlights

Understand and quantify the anticipated effort when replatforming. Datometry qScore™ is computed for each given workload based on usage and frequency of query features—including proprietary SQL constructs—and other parameters that affect rewriting of applications.

Make cloud choices with confidence. Datometry qInsight is target-specific and takes into account the properties and limitations of the desired target platform and determines suitability of workloads.

Understand the system at a glance. Beside the most critical system parameters, this summary includes the vital count of unique queries determined not by textual difference but by query structure, which is only available through an in-depth analysis of a query.

Identify workloads for prioritization, spot optimization opportunities, avoid surprises. Statement analysis by application combines and contrasts daily query volume with actual workload complexity.

Total statements	241,595,936
Statements analyzed	241,595,936
Server name	BizTD
Source platform	Teradata 15.10
Target platform	

qScore™
5842

Apps	Schemas	Objects	DB size	Unique Statements	Total Statements
56	308	29,124	196 TB	42,017,987	241,595,936

Statement Volume and Complexity by Application

Volume: 1K 2K 3K 4K 5K 6K 7K 8K 9K 10K 11K

INFORMATICA
SAS
MICROSTRAT
IBM SPSS
TABLEAU
BTEQ
SQL WRKBENCH
SAP BO
TIBCO

qScore: 800 2K 3.2K 4.4K 6.6K 8.8K 10K 12.2K

Detect infrequently used objects suitable for off-load into data lakes. Data usage statistics show immediate capacity savings based on the time of last access.

Plan for capacity and scale with confidence. High-resolution analysis of workload patterns with controls for interactive exploration lets customers determine the true TCO of the new target platform.
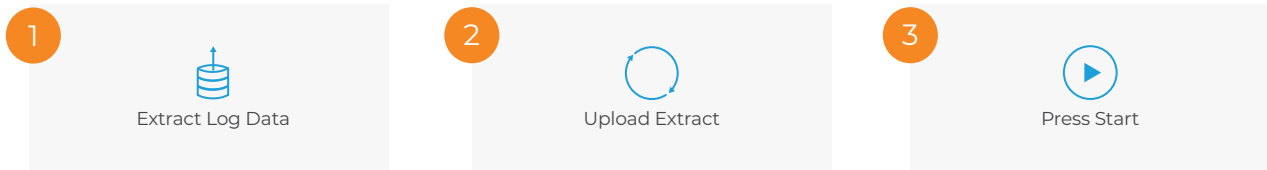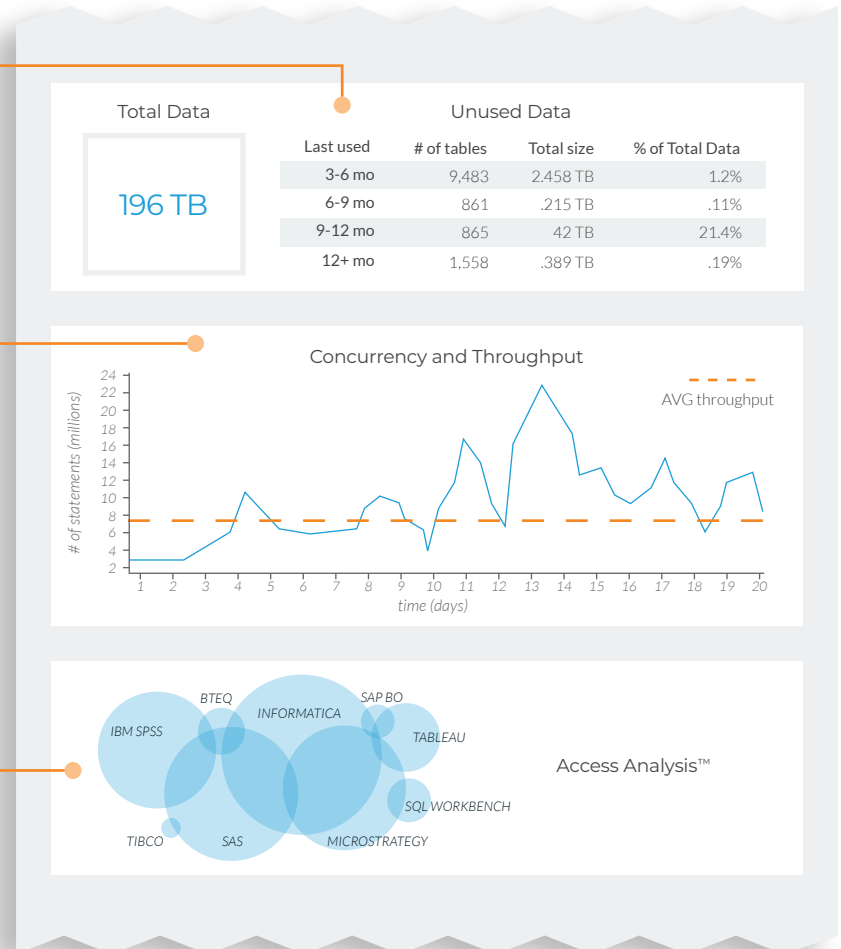
Isolate and prioritize workloads when pursuing a multi-cluster strategy. Access analysis makes clear which data sets are shared between applications and which can be separated out—without guesswork.

Unique and Comprehensive

Datometry qInsight provides unique analyses beyond what database logs or standard tools can reveal. The underlying technology to achieve this depth of analysis is the result of years of research and development. Using qInsight, leading enterprises have successfully planned and executed replatforming initiatives from existing legacy data warehouses to modern cloud-based systems.

Total Data

196 TB

Unused Data

Last used	# of tables	Total size	% of Total Data
3-6 mo	9,483	2.458 TB	1.2%
6-9 mo	861	.215 TB	.11%
9-12 mo	865	42 TB	21.4%
12+ mo	1,558	.389 TB	.19%

Concurrency and Throughput

AVG throughput

Access Analysis™

BTEQ · INFORMATICA · SAP BO · IBM SPSS · TABLEAU · SQL WORKBENCH · TIBCO · SAS · MICROSTRATEGY

Getting Ahead

With qInsight, IT leaders and database professionals have critical knowledge available immediately. Using the SaaS portal enterprises get complete visibility in three simple-to-execute steps.

1 Extract Log Data

2 Upload Extract

3 Press Start

Get clarity and actionable insights in a matter of minutes. Use qInsight to understand the intricacies of replatforming, minimize the risk, and move forward rapidly.

Contact Datometry to learn more: info@datometry.com