

SQL Server 2008 Data Warehouse Competitive Benchmark

Ideal Customer Profile

Organizations evaluating IT cost-savings and that currently host a 1TB-15TB data warehouse solution on Teradata, Oracle, or DB2. The warehouse data (or an identified subset)—including 10 impacting queries and their current execution times—needs to be made available for import.

Deliverables

- Individual query performance analysis of 10 queries provided by the customer, including query statistics and server impact (I/O, processor, and memory) during execution
- Concurrent query performance analysis to test the server-load capabilities, capturing query concurrency levels, duration, and server impact (I/O, processor, and memory)
- If valuable, a data ETL load will be tested into an identified fact table for analysis
- Cost estimate of server components, software, and ongoing support
- Time permitting, an evaluation of Analysis Services cube performance built on top of the data warehouse, with similar query identified
- Customer demonstration of queries, optimization techniques applied, and architecture

At-a-Glance Timetable

- Week 1
 - Data import
 - Indexing
 - Partition management
- Week 2
 - Query performance evaluation
 - Cost comparison and performance results documentation
 - Demonstration and presentation

Solid Quality Mentors – www.solidq.com

SQL Server 2008 Fast Track Data Warehouse Architectures - www.microsoft.com/fasttrack

SQL Server 2008 Project Madison -

<http://www.microsoft.com/Sqlserver/2008/en/us/madison.aspx>