

IMPROVING DATABASE QUERIES

Fortune 50 Company Improves Database Queries with Aqua Data Studio

Overview

An IDERA customer is a Fortune 50 global networking company which serves residential and business customers with internet and wireless technologies. The company has more than 100,000 employees and millions of customers.

IDERA's champion at the organization is a director of data and applications in the company's business intelligence (BI) team, which sets the overall BI direction of the company.

Challenge

The company's business intelligence group maintains one national data warehouse that uses Teradata and Hadoop platforms, along with multiple divisional and functional data warehouses running on SQL Server and Netezza. The team supports several thousand system users.

One of the team's key challenges was that its existing data query and reporting tool continued to crash. They needed a solution that could provide multi-platform support in a challenging environment while also providing a robust feature set for each of those platforms.

Importing and exporting data was a common task, as was the need to be able to browse database catalogs, generate scripts, and generally support SQL developer tasks.

Solution

The team selected Aqua Data Studio (ADS) for its numerous capabilities, including the ability to export large volumes of data, and its Query Analyzer for executing SQL queries and reviewing query results.

The director of data and applications has been using ADS since 2015, and is also a "big fan" of the product's GitHub integration which is "by far the best implementation" he's seen.

"I'm primarily writing code, reviewing data and then storing data objects in GitHub. Aqua Data Studio provides the right mix of features, that also support multi-platform -- which is absolutely a requirement for my position," he said.

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Director of Data & Applications - Business Intelligence team

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Results

With the ability to integrate with GitHub, work with diverse platforms, and enable detailed query execution and data exports, Aqua Data Studio meets and even exceeds all of the director's requirements. The database tool has the right balance of capabilities for his needs, and enables him and his team to more effectively work with their multi-platform database environment.

"In aggregate, if the tool didn't have all of these features, I wouldn't be using it," he commented.

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The screenshot displays the Aqua Data Studio interface. On the left is a 'Servers' tree showing various database connections. The main window is split into three panes: a SQL script editor at the top, a table structure view at the bottom left, and a 'Visual Analytics' window on the right. The SQL editor shows a script with table creation and constraint definitions. The table view shows columns like 'Begin', 'End', and 'Type'. The 'Visual Analytics' window displays a bar chart titled 'Weekly Volume and Profit' with two data series: 'SUM(Number of Records)' and 'SUM(Profit)'. The chart shows data from Week 27, 2005 to Week 13, 2007. The interface includes a menu bar, a toolbar, and a status bar.