Aqua Data Studio

COMPREHENSIVE IDE FOR SQL QUERIES, SCRIPTS, VISUAL ANALYTICS, AND ER MODELING

Aqua Data Studio is a versatile SQL IDE with a workspace environment that enables database developers, DBAs, and data/business analysts to develop, access, manage, and visually analyze data for relational, NoSQL, and cloud DBMS platforms from a single interface. Database professionals can generate model diagrams, build sophisticated queries, edit table data, develop scripts, and debug SQL code using a single feature-rich yet low-cost tool.
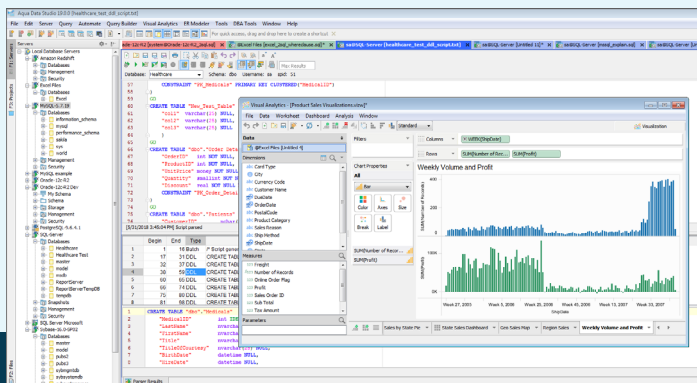
WHY AQUA DATA STUDIO?

Database developers are tasked with creating software applications that include complex business logic and access ever-changing database ecosystems, while database administrators must manage these complex environments that may incorporate a myriad of platforms and versions. Today's database environments are growing exponentially in volume, velocity, and variety, making the database professionals' roles even more challenging and time-consuming. Additionally, database developers are expected to work seamlessly across disparate DBMSs and integrate their work with source control systems as part of their regular software development cycle.

Database administrators have different levels of responsibilities, and it depends on exactly what they are managing. Those that need a general-purpose tool to compare and synchronize schema objects and data and to track database sessions, instances and security will find that Aqua Data Studio meets these needs and more for many different platforms.

Business and data analysts often need to manipulate the data from the SQL queries in order to use it for analysis and decision-making, but they don't need a high-end technical tool for this. Visual Analytics lets them create compelling visualizations and dashboards of the data to explore or share with others. Reduce costs for non-power users with Aqua Data Studio.

Aqua Data Studio provides an extensive toolset that combines SQL scripting, query building, and debugging with database object navigation and table data editing, to address the variety of tasks being done by database professionals. Aqua Data Studio's single interface lets developers work across many different database platforms so organizations can standardize on one solution and maximize database development efficiency.

PRODUCT HIGHLIGHTS

- Visually create and execute SQL queries against multiple database platforms

- Access and alter query data quickly and easily with a convenient table data editor

- Create visualizations to analyze data with an easy-to-use drag and drop interface

- Compare and synchronize data and schema objects from same or different databases

- Develop and debug scripts to automate routine database operations

- Installs and runs on Windows, Linux, and macOS

BENEFITS

Write code across different database platforms
Produce high-performing SQL code across over 40 relational and NoSQL DBMS platforms (Oracle, SQL Server, Db2, Hive, MongoDB, MySQL, Snowflake, and many more) from one easy-to-use IDE interface. Access your diverse databases whether they are on premises or hosted in the cloud (including Amazon, Azure, and Google). One interface lets developers work across database platforms so organizations can standardize on one solution and maximize database development efficiency.

Develop SQL code quickly and efficiently
The modern IDE has a workspace environment geared to the needs of database developers. The Visual Query Builder generates a complete SQL statement, and the advanced Query Analyzer makes it possible to quickly format and execute SQL statements then view and filter query results. A scripting environment helps to automate development tasks.

Create visualizations and dashboards
Visual Analytics allows you to pull query results into worksheets to create engaging visualizations of your data. Create dashboards by dragging in visualizations from many worksheets, then save and share them in workbooks with colleagues and customers, allowing them to easily navigate and interact with your data.

START FOR FREE!

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SQL CODING

Multi-Platform Interface Develop high-performance SQL code on all major DBMSs (relational, NoSQL, and cloud) from a single common interface. Use the feature-rich tool on all supported platforms from a single license and from a variety of operating systems (Windows, Linux, macOS).

Visual Query Builder Select database tables directly from the GUI and specify columns to retrieve, joins, sorting options, filtering criteria and other query parameters in a grid format. The Visual Query Builder will generate a complete SQL statement that can be viewed, copied and executed from the Visual Query Builder dialog window.

Query and Analysis Tool An advanced Query Analyzer allows you to connect to any database server and execute SQL Queries. Query results can be viewed in text, grid, pivot or form views with quick filtering and export functionality.

Visual Explain Plans Use Visual Explain Plans to provide guidance for query tuning to enhance query and server performance.

Code Formatting SQL formatter, syntax coloring, and autocomplete features save you time in writing SQL statements.

DATA MANIPULATION

Visual Analytics Create beautiful visualizations and dashboards of your data to explore or share with others. Identify patterns and trends to find opportunities for further analysis. Use filters, data labels, and table calculations to create charts that give you the ability to improve business decisions, limit risk, and solve difficult problems.

Table Data Editor Use the integrated Table Data Editor to edit the result-set of an executed query on a table using a convenient graphical interface. This makes it easy to alter data and add or delete rows using an editable, Excel-like grid.

Database Object Navigator and Visual Editing Browse database objects and visually edit them with a few simple clicks. Create, Alter and Delete without having to write a line of code.

Compare and Synchronization Tools Compare and synchronize the DDL of schema objects from different databases in an easy to navigate graphical interface. See database and object level differences and synchronize your source schema to your target schema. Compare query results as well as folders and files on your local machine.

ADDITIONAL FEATURES

ER Modeler The Aqua Data Studio ER diagram modeler and generator is used to design, edit and reverse engineer database schemas into physical models. Tables, views, relationships and constraints are converted to shapes, lines, nodes and vectors so that complex abstract database objects and processes can be viewed in a coherent ER diagram.

Scripting and Open APIs A scripting development environment with a set of Open APIs allows you to develop and debug scripts to automate your database tasks using the full set of functionality of the product.

Version Control A full and integrated version control client for Subversion, CVS, Git and Perforce allows you to manage your SQL scripts and other database files from within the tool for a much smoother working environment.

SQL Debugger Debuggers for Oracle, Sybase ASE, Db2 LUW, and SQL Server allow for tracing and debugging stored procedures to identify any development or production issues.

ENTERPRISE MANAGEMENT

Database IDE Easily manage and navigate all of your open query windows and files with selections for viewing modes, orientation styles, and controls for resizing and showing/hiding of panels with the flexible framework.

Import and Export Tools The Import and Export tools allow data of different formats to be imported and exported to and from databases, tables, objects and files.

Database Administration Tools Administration tools for Amazon Redshift, Db2 LUW, Greenplum, Informix, MariaDB, Microsoft SQL Server, MySQL, Netezza, Oracle, ParAccel, PostgreSQL, Sybase Anywhere, Sybase ASE, Sybase IQ, Teradata Aster, Teradata, and Vertica allow you to manage core aspects of your servers.

SSH Terminal and Tunnels Register and connect to as many SSH servers as you need and run commands in a tabbed window GUI. A Key Generator and Key Passphrase Agent provide added security. Configure SSH tunnel connections, including port forwarding and server connections bound to the tunnels.

FluidShell FluidShell is an interactive shell which combines the power of SQL command line with the versatility of a Unix shell.

MongoShell for MongoDB MongoShell provides an interactive JavaScript shell with nearly identical syntax and functionality to the native Mongo shell.

Windows SQL Scheduler GUI Interface Use the GUI interface provided in Aqua Data Studio to perform scheduling for SQL in Windows. Schedule scripts with tasks easily for future execution.

Google BigQuery Select Validator In Google BigQuery, users want to know if the query is valid before they pay to run the query. Use the new Select Validator feature to assess the query and view the potential impact prior to committing it to the cloud platform.