



About

Saama's [Smart Data Quality \(SDQ\)](#) automates the data cleaning, review, and reconciliation processes for data managers. Using the industry's most advanced artificial intelligence (AI) models, SDQ gives study teams the power to manage the high volume, velocity, and variety of today's clinical trial data — and accelerate their data review processes.

Accelerate Your Data Review Processes – Today

Benefits

Accelerate Time to Database Lock

- Automation keeps data clean as it is collected
- Near real-time data cleaning speeds time from data entry to discovery

Reduce Time to Issue a Query

- Automatically identifies data discrepancies as data is collected and provides pre-generated query text, significantly reducing time from data capture to query generation

Automate Routine Data Cleaning and Review Processes

- Advanced AI models eliminate time-consuming manual processes

Manage More Trials with Existing Resources

- Generate and post queries in as little as three minutes
- Approve query suggestions that apply to multiple data points in one click
- Automate code writing and testing for DQ checks, reducing programming resources

Focus Data Management Teams on Higher-Value, Complex Queries

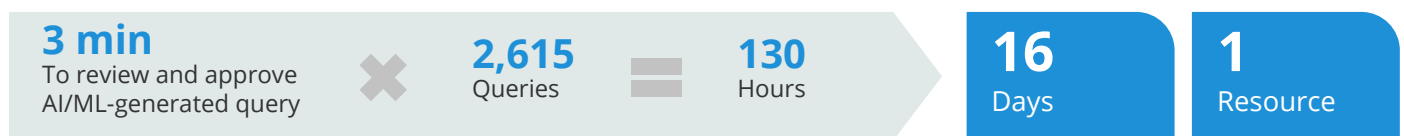
- Move swiftly through routine data quality issues
- Free time to focus on more complex, intensive queries

Scalable Across Your Portfolio

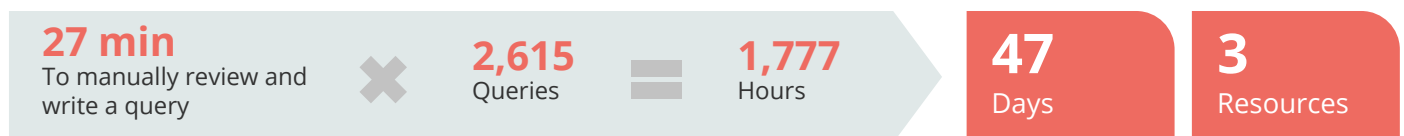
- Cloud-based architecture proven on large, global clinical trials
- Easily scalable across your entire study portfolio
- Generative AI codes and tests DQ checks directly within the

Accelerate Data Review Processes

Smart Data Quality: Automated data review process



Traditional: Manual data review process



Based on customer provided

Features



AI-Assisted Data Reviews

Advanced AI automatically identifies discrepancies that would normally only be caught by manual data reviews, and also generates predefined query text.



Integrated Rule Builder

SDQ's self-service data quality (DQ) rule builder lets you code quality checks directly within SDQ and re-use them across studies. DQ checks can be coded once and used across multiple source systems, and work in conjunction with AI-driven checks.



Catalog of DQ Rules

DQ rules can be created and saved as part of a catalog for re-use. Users can apply these rules at the study level and see how rules were applied in previous studies.



Data Review Dashboard

Complete data review from a single location. See a summary of all DQ checks and drill deeper to view source data and pre-generated query text for individual checks — all on the same screen.



Blinded / Unblinded Integration

Automatically capture data masking configurations from Data Hub to SDQ, ensuring secure and precise data management.



DQ Assignment

Assign data quality tasks to other data managers within the system, automatically sending notifications, to improve collaboration and efficiency.



Automated Prediction Closing

If SDQ identifies a data discrepancy — but the issue is fixed in the source system before the data manager reviews it — SDQ automatically closes the auto-generated predictions, reducing duplicate queries.



Bulk Actions

Approve or reject DQ checks that apply across multiple data points in-bulk. Deploy hundreds of queries in a few clicks, saving thousands of hours.



Deep Link Directly to the eCRF

Go directly to the source eCRF with a single click from the prediction page.



Data Quality Co-Pilot

Describe desired data quality (DQ) check, and SDQ will write the code and test it, automatically, using generative AI trained on proprietary historical DQ check data.



Discrepancy Management

Track, review, and take action on all queries in one location, regardless of source.



Interactive Review Listings (IRL)

Review data listings manually and perform advanced data review in a single location. Users can review pre-built listings or create custom listings using generative AI, and can even assign tasks to team members and vendors, all within their workflow.



The Saama Difference

Only Saama offers AI-driven solutions trained specifically for life sciences on over 300 million data points. These proprietary models drive [SDQ](#), reducing query generation times from 30 minutes to 3 minutes per query. Because [SDQ](#) allows data managers to approve query suggestions that apply across multiple data points in-bulk, data managers can deploy hundreds of queries in a few clicks — saving thousands of hours. Accelerate your data review processes — today — with Saama.