Accelerate Your Data Review Processes – Today

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.

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

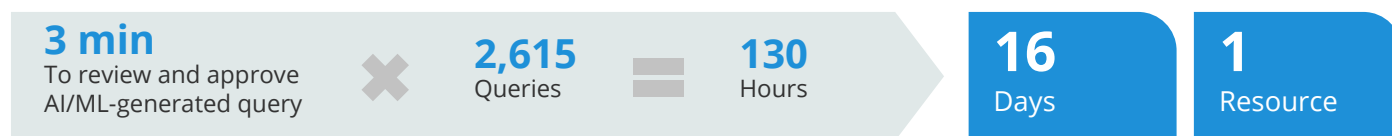**Focus Data Management Teams on Higher-Value, Complex Queries**

- 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 system

Accelerate Data Review Processes

Smart Data Quality: Automated data review process

| **3 min** To review and approve AI/ML-generated query | ✕ | **2,615** Queries | = | **130** Hours | **16** Days | **1** Resource |

Traditional: Manual data review process

| **27 min** To manually review and write a query | ✕ | **2,615** Queries | = | **1,777** Hours | **47** Days | **3** Resources |

Based on customer provided example

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.

Query Approval or Rejection
Review each AI-based or rules-based DQ check, along with the source data, to quickly approve or reject queries.

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.

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.

Integrated Data Review Assist (IDRA)
Unified process to create, collaborate on, and approve the data review plan, connecting DQs, IRLs, subcategories, and listings into a structured workflow.

Protocol Deviations
Review and manage both query-based and non-query based protocol deviations collaboratively within SDQ to prevent duplicate PDs.

Data Quality Co-Pilot
Describe desired data quality (DQ) check, and SDQ will write code and test it, automatically, using GenAI trained on proprietary historical DQ check data.

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

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

Query Anomaly Detection (QAD)
Uncover unexpected data patterns and anomalies by leveraging Generative AI. Identifies discrepancies that may otherwise be missed by pre-defined rules.

Clean Patient Tracker (CPT)
Gain instant, consolidated view of every subject's data-cleaning status, that is configurable and reusable to spot issues early.

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.