TS Insight

TS Insight is a data quality dashboard and reporting solution for business users, data stewards, data analysts and governance teams.

Benefits

Evaluate whether or not the data that drives line-of-business KPIs is compromised

Assess the overall accuracy of data drivers to ascertain the reliability of underlying data for contingency planning

Enable rapid, visual checks of overall data quality throughout the enterprise

Pinpoint source data issues to manage resources accordingly

Display metadata in summarized and graphical formats for ease of understanding

Distribute data quality reports easily to all stakeholders

Automating and Reporting Data Quality Key Performance Indicators

A web application easily accessed by an Internet browser, TS Insight is a data quality dashboard and reporting layer for the Trillium Software System® that creates configurable, graphical reports from summary information generated by the Trillium Software System.

These reports contain multiple levels of detail that show adherence to enterprise data quality standards and compliance with data quality and business rules, both out-of-the-box and user-defined.

Score and track data quality

Understanding and communicating about data quality is crucial to ensuring that accurate and consistent data is available to support business decisions and processes. Data quality analysts, data stewards, business and information analysts and management all need visibility into the condition of their data and how well it supports key business processes and reports. Access to relevant, timely information about data quality is paramount to ensuring that appropriate remedies are quickly employed to identify, fix and manage data quality proactively and efficiently.

TS Insight provides metrics and KPIs (key performance indicators) for data quality compliance to corporate standards across multiple systems, applications and platforms.

Use TS Insight to:

- Monitor data against established metrics over time
- Demonstrate the impact of data quality process improvement
- Highlight problem areas that need to be addressed
- Build a tangible ROI for data quality investments
- Support enterprise data governance initiatives with business-specific and relevant data quality reports

Data Quality Ratings: Rate the reliability of data

In addition to providing a wealth of information on data quality rules, validation checks, thresholds and compliance levels, TS Insight also allows information and business analysts, data quality professionals and data stewards to create and measure their own data quality ratings. Data quality ratings provide relevance and context for business and governance teams to report on data quality compliance for key business decisions, reports, and processes.

Data quality ratings are metrics associated with data and business rules that provide aggregated scores on data quality compliance. Ratings can be associated easily with key business processes, reports, decisions and other informational use.

Dashboard Display

The TS Insight data quality dashboard includes a summary page that provides a high-level view of compliance with data and custom business rules. It allows users to click-through and view specific details for entities and attributes. Stop-light visuals of green, yellow, and red denote passing, warning and failing conditions.

Trending

Track standard compliance rules and user-defined customized rules. TS Insight displays a variety of graphs illustrating how compliance with established business rules trend over time.
Standard Compliance Tests

TS Insight provides comprehensive out-of-the-box metrics on a wide variety of data compliance checks including the following:

- Nulls
- Patterns
- Predominant data types
- Ranges
- Schema data types
- Schema lengths
- Uniqueness
- Values
- Spaces
- Sums

TS Insight also displays compliance results for any data-related business rule. Users can set up business rules to check for irregularities, inaccuracies, and deviations that demonstrate whether or not data complies with enterprise standards and conforms to accepted data definitions. Some examples:

- Account numbers in the wrong format
- Invalid tax identification numbers
- Products that fall outside the domain or range of valid codes
- Illogical data value combinations embedded in multi-use fields
- Fields containing values that reflect different systems of measurement or currency

Data governance for the Enterprise

Governance teams are often made up of business and data professionals who need access to simple, easy-to-understand and consistent metrics to gauge the overall health of data. These metrics might represent the results of a data clean-up effort, changed business processes, or new systems.

TS Insight provides a collaborative solution that facilitates the focus and prioritization of team efforts on the data compliance and governance processes that are most relevant and important to their requirements. Employing at-a-glance indicators, coupled with detailed reporting, TS Insight equips all users—technical, business and management—with the necessary information to manage data quality across the enterprise.

About Trillium Software

Harte-Hanks Trillium Software is the global leader in Enterprise Data Quality and provides a full complement of technologies and services that delivers global data profiling, data cleansing, data enhancement, and data matching for customer relationship management, enterprise resource planning, e-business, supply chain management, data warehouse, and other enterprise applications.