Data Quality

erwin Data Intelligence by Quest offers integrated capabilities for data quality visibility and improvement.

As your organization increasingly relies on data to drive business decisions, you must be able to trust the sources and accuracy of your data. Data quality is a vital component of data intelligence and data governance in the pursuit to democratize data.

erwin® Data Intelligence by Quest® gives IT, data governance teams and business users visibility into data quality and the capabilities to move data quality initiatives forward. Built upon the Gartner-recognized augmented data quality platform from DQLabs, the data quality offering from erwin automates data quality assessments starting with the metadata cataloged within erwin Data Intelligence.

Automated data profiling and quality scoring, optional data observability and data remediation tools, and data quality visibility throughout erwin Data Intelligence give teams the practical means to tackle data quality and forward data quality initiatives.

With erwin Data Intelligence, organizations have the integrated data quality capabilities needed to fuel data governance efforts, extend data literacy, build data trust, and reduce quality-driven operational risks and costs.

Key Features

- **Automated data profiling and quality analysis –** Start from the metadata inside erwin Data Catalog by Quest to initiate the profiling and quality assessment of a data source. Then take advantage of AI/ML-enabled auto-discovery and profiling within the erwin data quality platform to detect data patterns and automatically generate data quality scores that will be visible throughout erwin Data Intelligence.

- **Easy data source connectivity –** Choose from an out-of-the-box library of industry-standard data source connectors including Microsoft SQL Server, MySQL, Oracle, PostgreSQL, Salesforce, Snowflake and more for a quick start.

- **Enterprise data quality visibility –** Select the frequency of profiling and quality measurement and view current data quality measures for data sources, data sets and grouped domains within the data quality platform's dashboard. Data quality scores are also shared alongside data catalog metadata; in data lineage, impact analysis and mind maps; and in asset search results in erwin Data Intelligence. IT, governance teams and business users all have a view into data quality.

Benefits:

- Leverage erwin Data Catalog metadata and data quality automation to profile, assess and understand the data quality of key data sources

- Make data quality metrics widely visible to IT, data governance teams and business users to assess data fitness, target issues and build data trust

- Track changing quality and predict future data trends with continuous data observability

- Surface, collaborate on, and enable remediation of data quality issues

- Manage the entire data quality lifecycle of your most critical data assets
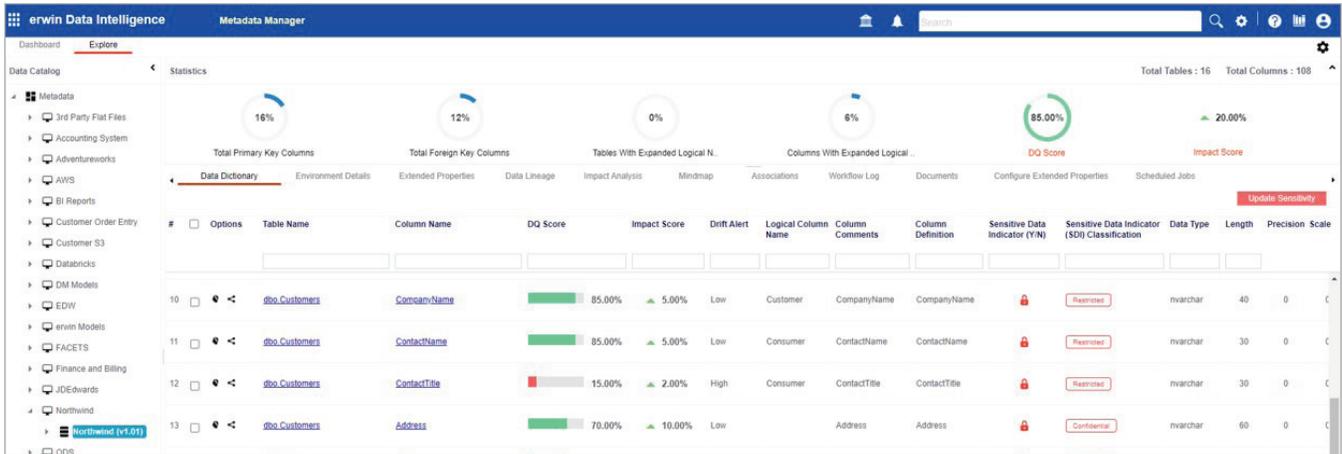
Instantly gauge data source quality using data quality scores inside the data catalog, and visible in data lineage, impact analysis and mind maps. Data quality scores also appear in erwin Data Intelligence asset search results for business users.
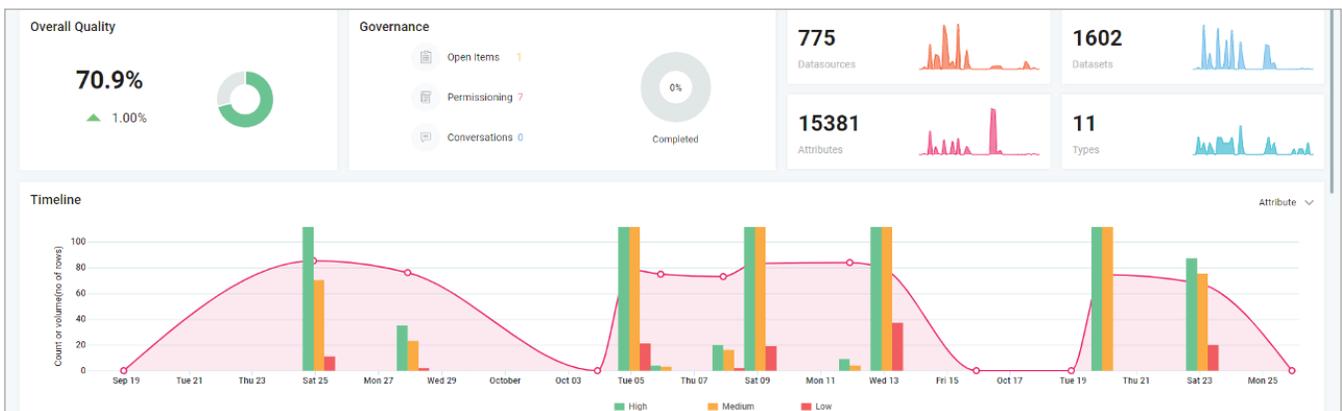
The erwin data quality platform offers the automated data profiling, assessment, visibility and collaboration needed to tackle data quality initiatives. Optional ongoing data observability and remediation capabilities further empower teams to take data quality to the next level.

- **Continuous data observability –** Optionally add capabilities to observe and manage data source volatility through continuous drift and behavioral monitoring that measures data deviations and predicts future trends. Use the visibility provided by a high-medium-low drift score indicator, fed by 14 levels of drift detection, to guide remediation efforts and data use. Alert users when data deviation falls outside of preset thresholds.

- **Data remediation guidance and tools –** Optionally add data remediation analysis and impact scoring to focus remediation efforts and investments. Then, use reference or ML-based curation and parsing rules to intelligently clean and enrich bad data. Further extend cleansing and enrichment with third-party data integrations. Automate quality issue tracking and workflows.

- **Data quality collaboration –** Data quality alerts, visualizations and dashboard visibility combine with issue tracking and conversational capabilities to keep IT, data governance and business stakeholders engaged in data quality efforts.

About Quest

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Quest Software. Where next meets now.