erwin® Data Intelligence by Quest®

erwin® Data Intelligence by Quest® is at the heart of enterprise data governance for IT, data governance teams and business users alike. It combines data cataloging, data literacy and automation capabilities that make data assets easier to find, understand and use for smarter decision-making. erwin Data Intelligence harmonizes data management and data governance to fuel an automated, real-time, high-quality data pipeline so data assets stored in a central data catalog are accessible, understandable and governed with business context across the organization. Through this data intelligence, IT and business stakeholders can better manage, maximize and protect their enterprise's most valuable asset - their data.
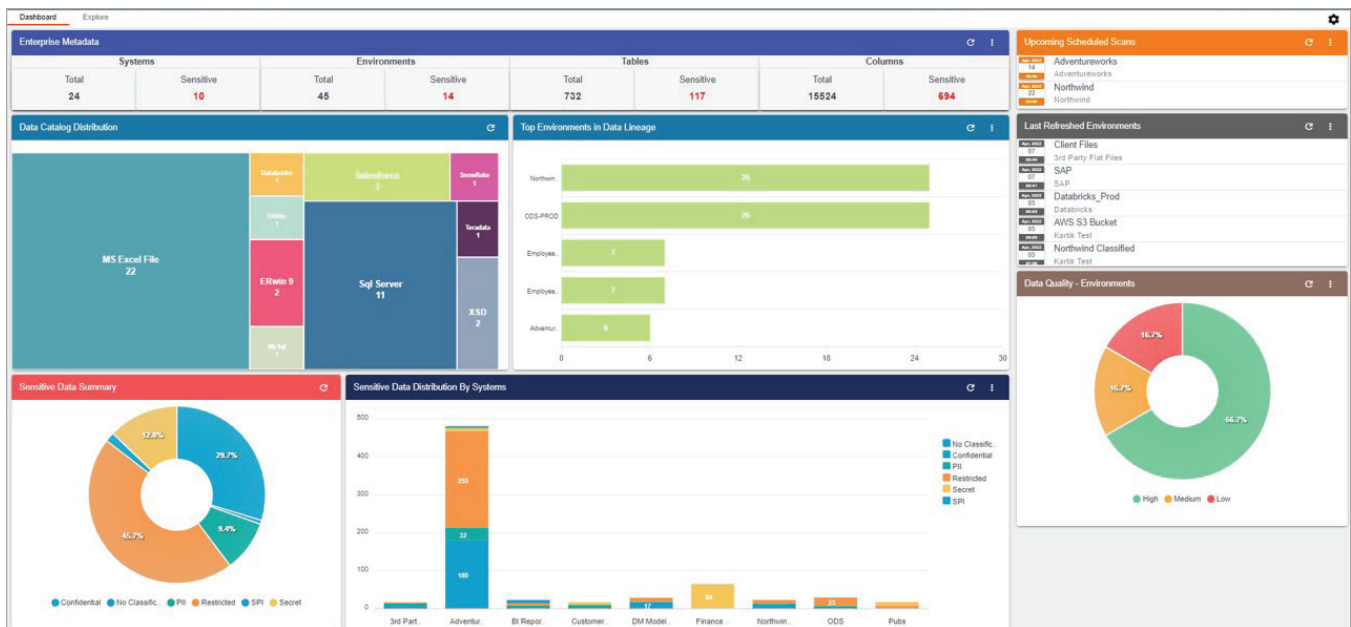
Key features

erwin Data Intelligence provides an automated metadata-driven approach to support enterprise data governance, data preparation, data management and data literacy through the following key features:

- **Automated metadata harvesting, cataloging and curation —** Harvest detailed technical metadata from a broad range of metadata sources. Use included erwin Standard Data Connectors by Quest to ingest and auto-document data-at-rest from common industry JDBC-compliant DBMS and flat file metadata. Add optional erwin Smart Data Connectors by Quest to harvest more complex data-at-rest sources, as well as data-in-motion metadata from ETL/ELT, procedural and scripting code, BI/reporting environments, and cloud environments and applications.
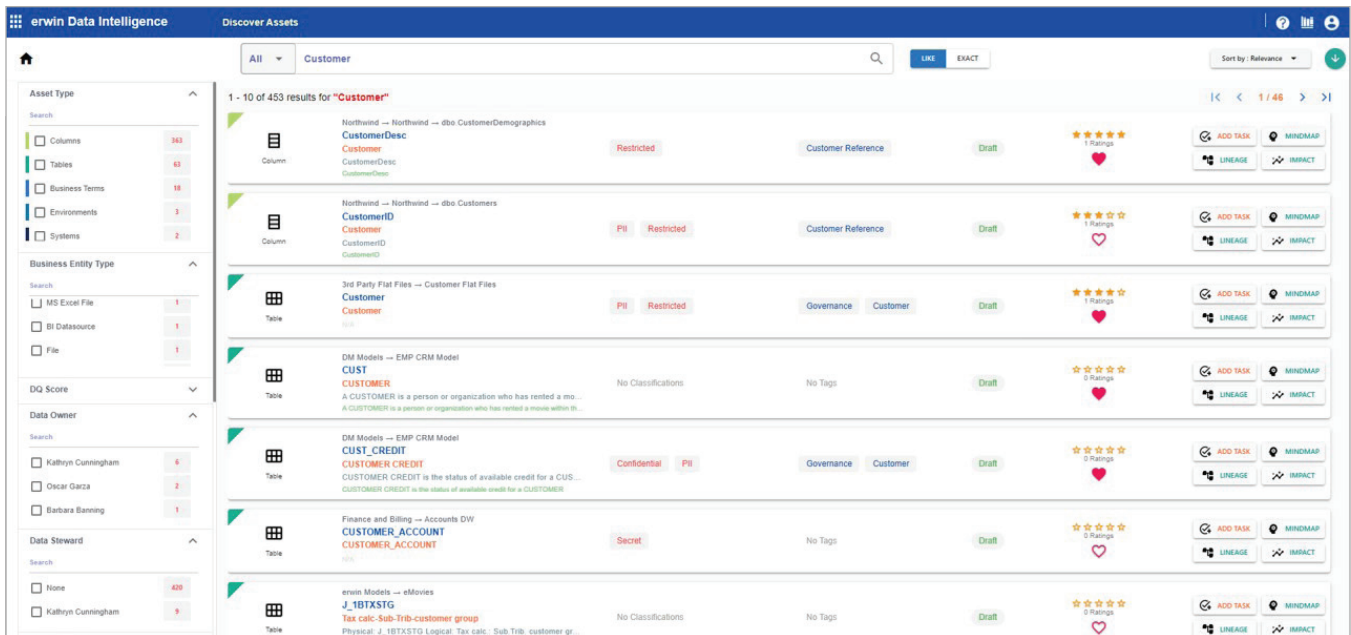
Benefits:

- Leverage an extensive library of data connectors to automatically harvest and keep cataloged metadata current, with full versioning and change management

- Auto-generate detailed data lineage from source to target, including data transformations, and use impact analysis to smartly plan for change

- Build data trust and reduce operational risk with integrated data quality visibility and automation of data profiling, scoring, continuous monitoring and data remediation

- Easily develop a business-centric data governance framework that fits your enterprise

- Unite business context and technical metadata through business glossary and stewardship workflows, leveraging pre-loaded industry terms and templates, integration of data modeling naming standards and AIMatch capabilities

- Provide IT, data governance teams and business users the data visibility and literacy to better manage, protect and use data

erwin Data Intelligence provides the visibility to understand, manage, protect and best leverage data across the organization. Data lineage, semantic mind maps and dashboards, such as the erwin Data Catalog dashboard, make it easy to contextualize your data landscape at a high level as well as drill into data details.

- **Centralized metadata-driven mapping with automation support for most ETL and data asset technologies —** Accelerate the creation of mappings through drag-and-drop and auto-mapping capabilities, eliminating manual work and costly errors seen with the traditional Excel approach. Efficiently transform and move data in tight alignment with business-driven requirements from a single, unified platform.

- **Intelligent data lineage and impact analysis —** Drill into interactive, on-demand data lineage to quickly understand all data elements within the data landscape from data sources to end targets, and all transformations in between. Manage risk and scope of potential change through real-time impact diagrams linking data elements to the business glossary.

- **Version management and change control —** With built-in versioning, use baseline and archive mapping documentation with change comparison reports to enable efficient IT and regulatory audits and change control.

- **Integrated data quality —** Automate the profiling and scoring of data source quality, and view scores alongside data catalog metadata, within data asset search results, and when viewing data lineage, impact analysis and mind maps. Add optional data observability and data remediation capabilities to more fully support data quality initiatives.

- **Dashboards for IT and data governance teams and an empowered business user experience —** Leverage role-specific access, dashboards, business-friendly asset discovery, social rankings, action lists and collaboration capabilities to empower all to successfully find, manage, govern and use data.

- **Data stewardship and data ownership —** Use a flexible metamodel to create different business asset types, customize attributes, and support the full range of semantic associations between business and technical assets fitting for your business. Manage term definition and approval, associated data policy and business rules, and assign data owners and subject-matter experts to improve accountability and compliance.

Quest

erwin Data Intelligence makes it simple for business users to discover and learn about enterprise data assets, delivering the governance and collaboration needed to raise data literacy enterprise-wide.

- **On-demand, interactive mind maps —** Fully understand data element relationships using drill-down visualizations of business assets and their associated physical, logical and governance metadata.

- **Automated data model harvesting from erwin Data Modeler Workgroup Edition by Quest —** Schedule the bulk harvesting and cataloging of erwin data models, model mappings and naming standards to align data modeling and intelligence efforts.

- **Sensitive data discovery and management —** Use AI to auto match business and technical assets and speed sensitive data classification (PII, GDPR, CCPA and more). Then manage sensitive data through a dedicated dashboard to accelerate compliance and reduce risks.

- **Enterprise tags —** Tag assets with hashtags to speed future discovery, organize for analysis and ready for automation.

- **SAML 2.0 integration —** Accelerate the deployment and adoption of erwin Data Intelligence by aligning it with your security and access control infrastructure.

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.