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erwin® Data Intelligence by Quest®

erwin® Data Intelligence by Quest® combines data catalog, data quality, data literacy and data marketplace capabilities to make high-value, trusted data assets and AI models easier to find, understand, govern, score and share across your enterprise. Harmonizing data management with data and AI governance, erwin Data Intelligence provides the automation and data landscape visibility to fuel a reliable, high-quality data pipeline. Data assets across the enterprise are stored in one central data catalog governed, understandable with business context, and easily accessible through a consumer-like data marketplace and asset discovery experience for all data consumers. From IT, to governance teams, to business stakeholders, all have the data intelligence to manage, maximize and protect your enterprise's most valuable asset - your data.
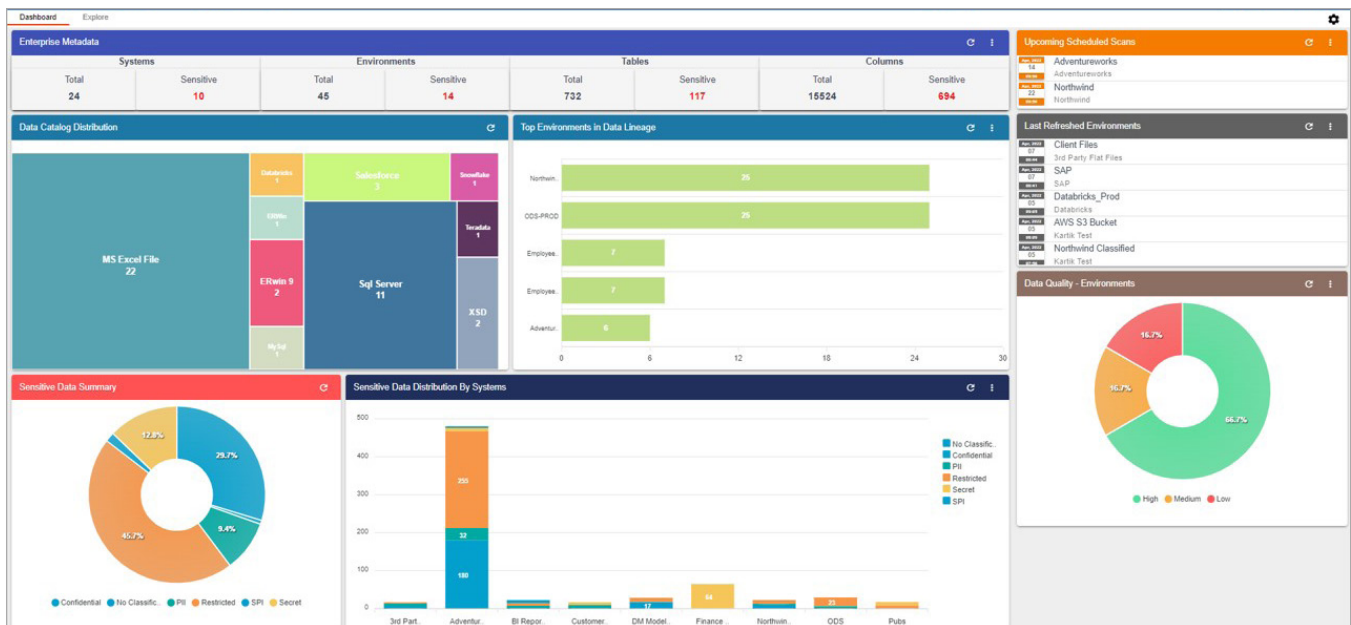
Key features

The automated meta-driven approach of erwin Data Intelligence enables enterprise data visibility and management, data and AI governance, data literacy, and efficient data products delivery 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.
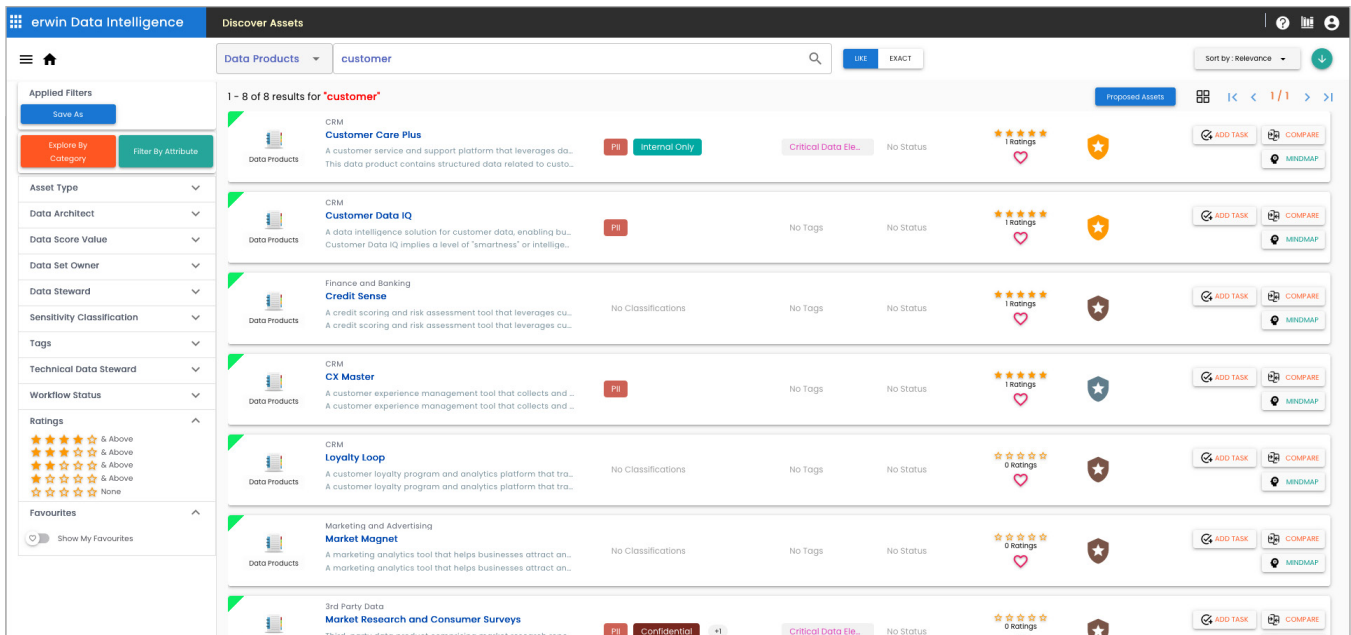
Benefits:

- Make high-value, trusted data easily discoverable, understandable and accessible across your organization

- Enable a business-centric data governance framework that fits your business

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

- Tackle AI governance with centralized governance of models and data, data observability to catch data drifts early, and compliance documentation

- 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 limit operational risk with integrated data quality visibility and automated data profiling, scoring, data observability and remediation

- 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

- Auto-harvest and keep cataloged metadata current, with versioning and change control, using an extensive data connectors library

- Pair with erwin Data Modeler by Quest to accelerate data products delivery from model to marketplace

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 profiling and quality scoring and build data trust with data quality visibility across data lineage, mind maps, impact analysis and inside automated data value scoring within erwin Data Marketplace. Ensure reliable, high-quality data to support AI and other critical data uses with cross-platform data observability and alerting.

- **Personalized IT and governance dashboards -—** Leverage data catalog and stewardship dashboards to see, understand and drill into your data landscape and supporting governance efforts.

- **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.

- **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.

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erwin Data Intelligence makes it simple for all data users to shop for high-value, trusted data products, datasets and AI models, and discover, understand, collaborate on and make the most of the enterprise data assets available within your organization.

- **Data marketplace and consumer-like asset discovery and collaboration —** Make it easy for all data users to shop for and compare governed enterprise data products, datasets and AI models with automated data value scoring. Encourage discovery and collaboration on all data assets with consumer-like asset discovery, ratings and reviews, action lists and built-in collaboration capabilities.

- **Data modeling integration —** Leverage data models, mappings and naming standards from erwin Data Modeler to jumpstart data intelligence and governance, and speed the development and delivery of data products from model to marketplace.

- **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.

- **AI governance —** Ensure data is AI-ready and support use of high-value, trusted AI models with centralized curation, governance and ongoing data observability to ensure reliability.

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

- **Flexible deployment —** Deploy erwin Data Intelligence on-premises, privately host in your own cloud instance or choose erwin Data Intelligence Cloud and let Quest host and manage your software on Microsoft Azure. No matter the deployment you choose, receive all current capabilities and be confident in future enhancements.

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 Microsoft 365 migration and management, and cybersecurity resilience, Quest helps customers solve their next IT challenge now. Quest Software. Where next meets now.

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