Leverage ALL your data with a data fabric

Data is more dispersed, dynamic, diverse, and difficult to manage than ever before. Enterprises must juggle complex multivendor data environments, siloed data sets and long data preparation cycles—all while maintaining a secure and compliant data governance strategy.

What is a data fabric?

A data fabric is a data management architecture that can optimize access to distributed data and intelligently curate and orchestrate it for self-service delivery to data consumers. With a data fabric, you can elevate the value of your enterprise data by providing users access to the right data just in time, regardless of where it is stored. A data fabric architecture is agnostic to data environments, data processes, data use and geography, while integrating core data management capabilities. It automates data discovery, governance and consumption, delivering business-ready data for analytics and AI.

The benefits of a data fabric

A data fabric architecture provides a connective tissue between data endpoints— enabling the full breadth of data management capabilities including integration, discovery, governance, curation, and orchestration. With a data fabric your organization can:

1. **Enable self-service data consumption and collaboration.** Self-service capabilities enable permissioned users of data within organizations to find quality data quicker and spend more time exploring data to provide tangible insights that drive value for the business.

2. **Automate governance, data protection and security with active metadata.** AI-enhanced metadata management searches your data to discover where sensitive information is and creates data classifications and governed access policies. It's even possible to extract content from regulatory documents to revise or implement new governance regulations, potentially averting costly fines for non-compliance. This allows you to build, run, and manage AI within the confines of internal and external requirements.

3. **Automate data engineering tasks and augment data integration.** Optimize and accelerate the delivery of data within the enterprise, eliminating inefficient, repetitive, and manual data integration processes. Real-time continuous and automatic analysis supports delivery of quality data.

Schedule a complimentary discussion with one our experts to learn more about how data fabric simplifies data management across hybrid and multicloud landscapes to transform data governance, compliance and integration processes.