

What Is A Data Catalog?

Introduction:

Successful businesses of today's world are optimizing how they manage their data. They use data insights to drive decision-making, streamline operations, and maintain compliance. However, managing data well is no easy feat.

According to IDC, the global datasphere is expected to grow to 175 zettabytes by 2025. Organizations are swimming in data, and this "Data Deluge" is leading to problems like "Data Sprawl," where organizations have accumulated such vast amounts of data that they no longer understand exactly what data they have, or what is happening with managing it.



Data Catalogs stand out as an effective solution for organizing the sea of data. They are a single, organized repository that not only indexes but also categorizes and describes every piece of data within your organization.

Understanding Data Catalogs:

A data catalog is like a library catalog for data. It indexes all data available in your organization along with information about the data, such as what it means, who is responsible, and how it can be used. It puts key information at the fingertips of those who need it.



Benefits of a Data Catalog:

- **Improved Data Governance.** Enforce data governance policies more effectively. A report by IBM states that 60% of businesses believe data catalogs are essential for achieving data governance compliance.
- **Offer Self-Service Analytics.** Business users and analysts can independently access datasets for their analytical needs. Experian found that 43% of business users prefer to access and analyze data independently.
- **Better decision-making.** Make informed decisions with accurate, timely data. A study by McKinsey & Company indicates that data-driven companies are 5% more productive and experience 6% higher profits.
- **Improved productivity:** A study by Forrester Research reveals that companies implementing data catalogs experience a 30% increase in the productivity of data analysts and a 20% reduction in the time it takes to find and understand relevant data.

Getting Started With Data Catalogs

Key Considerations:

- Gaining user buy-in
- Data integration with existing systems
- Establish clear data governance policies
- Implement a robust ongoing maintenance program



The Path Forward

- 1 Assess your organization's current state of data readiness.
- 2 Define the objectives and use cases for your data catalog.
- 3 Select the right software solution.
- 4 Start with a pilot implementation of a specific department or use case.
- 5 Scale and expand your data catalog to other use cases.
- 6 Provide ongoing education to users.

Introducing Semarchy: Your Data Management Partner

Data catalogs offer you a clear, centralized view of data for better decision-making, more efficient operations, better data governance, and better accessibility to data for your team. According to McKinsey, data-driven organizations are 23 times more likely to acquire customers, 6 times more likely to retain customers, and 19 times more likely to be profitable.

Organizing your data with data catalogs gives you the opportunity to unlock the true potential of data for your organization. Accurate data insights will help you to thrive in an age where data is a competitive advantage.

Semarchy brings extensive expertise and innovation to the realm of data management solutions. With a proven track record in delivering robust data governance and master data management (MDM) solutions, Semarchy's data catalog is designed to centralize, organize, and govern data assets effectively. Your organization will be provided with a unified view of data to facilitate data-driven decision-making.

Find out how Semarchy's data catalog solution can help you. Book your free consultation here today.