

Governed Data Discovery - Balancing Flexibility and Standards

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In brief

What is the importance of governed data discovery for any organization? Governed data discovery allows businesses to address their needs for easy data delivery.

What is the importance of governed data discovery for any organization? Governed data discovery allows businesses to address their needs for easy data delivery. It also satisfies IT-driven requirements for securing and managing data.

Governed data discovery allows businesses to manage their information needs while maintaining a governed framework. It means that you achieve flexibility and maintain standards. Here is an overview of governed data discovery.

What is a governed data discovery?

Governed data discovery definition is often the first question for anyone interested in business intelligence. It involves the provision of easy delivery of data with the right business user's requirements.

Governed data is business information that a governing department manages, deploys, secures, and centralizes. The IT department in most companies is responsible for data governance before users can access it. In addition, the department guarantees data security and integrity.

Therefore, the governing department ensures that business users have credible and secure data ready for analysis. Some of the top aspects of data governing include the following:

- Authentication
- Authorization
- Auditing

Ungoverned data discovery can mislead businesses in the decision-making process. In addition, 40% of self-service business intelligence initiatives prevent data inconsistencies. Therefore, governed data discovery is vital.

How can businesses balance flexibility and standards using governed data discovery?

A report by Eckerson Group establishes that companies can obtain a balance between standards and flexibility. The report provides techniques to balance standards and flexibility in governed data discovery. Currently, two primary opposing forces fuel business intelligence in organizations. The two forces include:

- Top-down business intelligence (BI) : A company's IT group determines report and data delivery standards in this force. The department allows for only one version of the truth to occur.
- Bottom-up BI : In this force, analysts of business units develop their reports using customized data sets.

In many companies, the two forces often compete or are at war. The report by Eckerson Group suggests that businesses should have a comprehensive strategy where the two forces unite. Furthermore, the success of business intelligence in the organizations depends on the unity of the two across:

- Technological vectors
- Informational vectors
- Organizational vectors

Therefore, the best way to balance standards and flexibility is by harmonizing bottom-up and top-down BI. One way you can achieve the balance is through governed data discovery.

Why is governed data discovery vital for business intelligence success?

Data is crucial for all types of effective business operations. The significance of data in companies ensures a critical need for data governance. Strong governance leads to optimized and reliable results. Below are reasons why governed data discovery is essential for the success of BI.

1. Facilitates fast business analytics

Digital technologies are currently revolutionizing how businesses operate. For instance, tools for data discovery governance ensure that fast business analytics takes place. Furthermore, timing is essential for all businesses. The governed data discovery ensures effective timing occurs.

A company's business intelligence can succeed in fast data delivery if it has the right tools for data governance. Thus, effectively governed data discovery ensures that enterprises can have ready and correct data for analytics.

2. Ensures data reliability, repeatability, and consistency

Technology, due to the COVID-19 pandemic, is reshaping how businesses work. It ensures that more streamlined processes take place. Data governance, through the latest business intelligence tools and sustainable models, facilitates data reliability, repeatability, and consistency.

The sustainable models control data usage and data quality. They also ensure data activation, reliability, and accessibility. Governed data discovery's contribution is vital for the success of business intelligence and enterprise data architecture.

3. Mitigates negative impacts of data quality

Data discovery governance reduces the risks of low-quality data. An effective data governance strategy ensures that your business will not suffer the negative impacts of low data quality issues. Thus, it facilitates the success of your business intelligence.

Governed data discovery eliminates the risk of incomplete or inaccurate information circulation. Therefore, your strategy for data governance should be trustworthy enough to facilitate quality data in your organization.

What are the top objectives that businesses should have for data discovery governance?

One essential thing that any company can do before deciding on a framework for data discovery governance is to decide on the objectives. Here is a list that will guide you:

1. Compliance with regulatory data needs

Developing a framework for data discovery governance may require you to consider several phases, including implementation and development. Thus, ensure your data governance framework complies with all data regulatory standards and requirements.

2. Prioritize data security

Adequate data security is crucial for any business. Any mistake can lead to catastrophic events. Thus, make sure to include data security as one of the essential objectives.

3. Ensure proper data use

Proper data use in governed data discovery prevents the misuse of sensitive or personal data. It also eradicates the chances of data error. The best way to achieve the objective is to have clear policies on the use of data.

4. Enforcing and developing policies for data distribution

An excellent data governance system should include details of data distribution in the company and the necessary processes. The guidelines ensure that there is no unauthorized data access.

What are the main aspects of a governed data discovery framework?

Governed data discovery solutions are growing in popularity as businesses seek smooth operations of their business intelligence initiatives. For a governed data discovery framework to be effective, it needs to:

Strengthen the business intelligence ecosystem

An efficient, governed data discovery framework should ensure an easy-to-use user interface and a strong business intelligence ecosystem. It should ensure seamless user consumption, interaction, and access to data while providing no room for any data breach.

Attain equilibrium between data governance and consumption

The best-governed data discovery solution should ensure that end users have quality data for consumption. At the same time, it should maintain data governance at all times.

Protect against data breaches

Data confidentiality should be at the forefront of governed data discovery objectives. Some of the top features a business intelligence tool should have include: information security, role-based security, licensing, and multi-tenancy.

Monitor the data integrity

The data discovery governance should monitor the integrity of data ready for analytics through departments and user levels. Therefore, the business intelligence tools should have notifications of any failures in the cycle that can impact data integrity. Also, the IT department should have complete control over governance, transparency, and security.

Have minute updates

A single source of data truth is crucial in attaining business intelligence success. Thus, a governed data discovery solution should have automated data updates.

Why is a governed data discovery framework superior to ungoverned data discovery?

Ungoverned data discovery can mislead your business, especially in strategic decisions, and is not trustworthy as governed data discovery. Here are some of the top reasons why ungoverned data discovery is inferior:

- Ungoverned data discovery lacks the transparency that governed data discovery has. Also, business analytics will not have a single truth source.
- It does not meet an organization's governance and security needs. Thus, one cannot trust ungoverned data discovery.

How can one ensure centralized governance occurs?

The secret to governed data discovery's success lies in a centralized architecture. A centralized business intelligence platform can provide practical business analytics. The secret sauce to a centralized data discovery governance includes:

Avoid desktop business intelligence tools

Desktop business intelligence tools are not entirely foolproof. Furthermore, governing content from a desktop can be time-consuming, expensive to maintain, and complicated to use. The best are those that guarantee web-based access.

Use web-based access tools

Web-based access business intelligence tools are easy to deploy and have a centralized architecture. As a result, they can ensure a balance between standards and flexibility. Furthermore, web-based access will provide your business with easy access from any device, any time, and anywhere.

Provide the IT department with control over governance, transparency, and security

Complete control over data will ensure a single point of focus. It will also provide room for the achievement of business intelligence success.

Govern your data

Governed data discovery is a crucial aspect of any business. It allows the IT department to fulfill information and data requirements while following all security protocols. One vital aspect of governed data discovery is balancing standards and flexibility. The best way to achieve the balance is by harmonizing bottom-up and top-down business intelligence.

FAQs

How can businesses balance standards and flexibility through governed data discovery?

Organizations should have a comprehensive strategy where they unite bottom-up and top-down business intelligence. The unity should be across technological, information, and organizational vectors. Therefore, business and IT needs should meet smoothly to optimize business intelligence initiatives.

What are top-down and bottom-up business intelligence?

Top-down business intelligence involves the IT department setting report and data delivery standards. On the other hand, bottom-up business intelligence is where business analysts develop their reports using customized data sets. In most companies, the two forces often compete for supremacy.

What is the importance of a governed data discovery?

A governed data discovery ensures that there is a single truth source. It means that you can have report and data consistency. Thus, encouraging trust in data.

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