



DATA GOVERNANCE AND SECURITY GUIDELINES

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Data governance and security are crucial in today's data-centric world as they ensure the protection, accuracy, and reliability of data. When establishing effective data governance and security protocols, it is important to consider the following pointers:

1. Implement a comprehensive framework:

Create a framework that encompasses organizational policies, procedures, standards, and specific tactics for big data governance. Big data presents unique challenges, such as managing fast data growth, ensuring data access control, and extracting value from reliable data sources. It is important to differentiate between big data governance and traditional data governance and adjust governance components accordingly.

2. Align with organizational strategies and policies:

Integrating data governance and security with core organizational strategies and policies helps the company stay strategically aligned with long-term goals. This alignment enhances overall data integrity and security, protects analytical assets, ensures data security, facilitates collaboration with other parties, and incorporates automated monitoring best practices for handling data expansion.

3. Compliance and external rules:

Data security and governance should align with important organizational strategies and guidelines while maintaining compliance with external rules. Best practices for maintaining compliance, safeguarding data security, and facilitating cooperation with other organizations and analytic assets should be incorporated.





4. Consider responsible data governance and ethical data usage: Implement automated monitoring to handle data expansion, ensure compliance with internal and external rules, and monitor how other parties are using the data in accordance with mutual agreements. Following responsible data governance guidelines and ethical data usage principles will protect the accuracy and quality of the data.

5. Address data governance within cloud governance: Given the growing importance of cloud computing in data management, it is essential to address data governance within the framework of cloud governance. Clearly define rules for cloud infrastructure and service delivery, including availability, security, privacy, and compliance.

6. Stay ahead of advancements: The landscape of data governance and security is constantly evolving. It is crucial for organizations to stay ahead by introducing new strategies for big data success, such as establishing big data governance, fostering an information-sharing culture, and providing training on big data analytics to key individuals.

By implementing robust governance frameworks, secure data exchange systems, and industry best practices for data privacy and governance, organizations can ensure data security and integrity while supporting the analytics community.