ONE PAGE SUMMARY

IT & Software › Data Engineering › Data Governance

Introduction to Data Governance

Mastering Data Governance for Effective Data Management

DEFINITION

> Data governance is the framework for managing data availability, usability, integrity, and security. It ensures that data is accurate and used responsibly across an organization.

KEY CONCEPTS

Data Stewardship

Data stewards are responsible for managing data assets and ensuring data quality.

Data Quality

Data quality refers to the accuracy, completeness, and reliability of data.

Compliance

Compliance involves adhering to laws and regulations governing data usage and privacy.

Data Policies

Data policies are guidelines that dictate how data should be managed and protected.

Data Lifecycle

The data lifecycle encompasses the stages data goes through from creation to deletion.

EXAMPLES

→ Implementing data access controls to protect sensitive information.

→ Regularly auditing data for accuracy and compliance with regulations.

→ Creating a data governance committee to oversee data management practices.

MEMORY TIPS

★ Remember 'DQC' for Data Quality and Compliance.

★ Use 'SPACED' to recall the data lifecycle: Source, Process, Archive, Create, Evaluate, Delete.

★ Think of 'Steward' as a guardian of data quality.

COMMON MISTAKES

✗ Neglecting to involve all stakeholders in data governance discussions.

✗ Overlooking the importance of data quality checks.

✗ Failing to update data policies regularly.

QUICK RECAP

Data governance is essential for ensuring data integrity and compliance within an organization. Key elements include data stewardship, quality, and policies. Remember to engage stakeholders and maintain regular audits for effective governance.