

# Data Governance Fundamentals: Managing Data as an Asset

## Description

Data is a critical resource for every organization. We depend on data every day to keep records, produce reports, deliver information, monitor performance, make decisions, and much more. The data resource is on par with financial and human resources as a core component of doing business, yet data management practices are often quite casual. Data governance brings the same level of discipline to data management as is typical when managing financial and human resources.

Building a data governance program is a complex process that focuses people, processes, policies, rules, and regulations to achieve specific goals for a managed data resource. Successful and effective data governance depends on clear goals and well executed activities that match governance practices to your organization's needs, capabilities, and culture. A continuously evolving program is necessary to keep pace with trends such as cloud services, big data, and agile development. This course provides fundamental understanding of data governance concepts and techniques that is essential to start a new governance program or evolve an existing program.

## You Will Learn

- Definitions and dimensions of data governance
- Key considerations and challenges in building a data governance program
- The practices, roles, skills, and disciplines essential to data governance
- The qualities that make good data stewards and stewardship organizations
- The processes of developing, executing, and sustaining data governance
- Activities, issues, and options when building a data governance program
- How maturity models are applied for data governance
- The importance of adapting data governance for trends such as big data, cloud

services, and agile development meth

### **Audience**

- Data quality and data governance professionals; BI/DW managers, architects, designers, and developers; data stewards, data architects, and data administrators; anyone with a role in data governance or data quality managemen
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## **Outline**

### **Module One: Data Governance Concepts**

- Defining Data Governance
- Dimensions of Data Governance
- Data Governance Challenges
- Fostering Participation

### **Module Two: Data Governance Organizations**

- Positioning Data Governance in the Enterprise
- Governance and Management Practices
- Data Governance Roles
- Data Governance Skills and Disciplines

### **Module Three: Data Stewardship**

- Stewardship Concepts
- Stewardship Organizations
- Stewardship Skills and Knowledge

### **Module Four: Data Governance Processes**

- Governance and Management
- Data Management Processes
- Program Development Processes
- Program Operation Processes
- Program Sustaining Processes
- Program Growth Processes

### **Module Five: Building a Data Governance Program**

- Getting Started
- Planning and Preparation
- Building the Team
- Building the Infrastructure
- Executing Governance

### **Module Six: Evolving Data Governance**

- Modernizing and Maturing Data Governance
- Cloud Data Governance
- Big Data Governance
- Agile Data Governance

### **Module Seven: Summary and Conclusion**

## **Prerequisites**

There are no prerequisites for this course.