

TDWI Data Governance Fundamentals: Managing Data as an Asset

Course Outline

Module One: Data Governance Concepts

- Defining Data Governance
 - Governance Defined
 - Applying Governance to Data
 - The Data-to-Value Chain
 - Governance Through the Information Lifecycle
 - Why Govern Data?
- Dimensions of Data Governance
 - Aspects of Data Governance
 - People
 - Processes
 - Goals
 - What Data to Govern?
 - Who Governs?
- Data Governance Challenges
 - What Data to Govern?
 - Who Governs?
 - Getting Started
 - Funding and Staffing
- Fostering Participation
 - Participation and resistance
 - Awareness
 - Perception of Value
 - Providing Services

Module Two: Data Governance Organizations

- Positioning Data Governance in the Enterprise
 - Connecting Business Strategy with Data Management
- Governance and Management Practices
 - Responsibility, Authority and Accountability
 - Decision Rights
 - Horizontal Management in Vertical Organizations
- Data Governance Roles
 - Governance as Teamwork
 - Data Ownership
 - Data Stewardship
 - Data Custodianship

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- The Governance Team
- Stakeholders
- Data Governance Skills and Disciplines
 - Data Architecture
 - Data Definition
 - Metadata Management
 - Issue Resolution

Module Three: Data Stewardship

- Stewardship Concepts
 - Responsibilities and Accountabilities
 - Purpose and Results
- Stewardship Organizations
 - Kinds of Data Stewards
 - Stewardship and Data Domains
 - Councils, Committees, Communications, etc.
- Stewardship Skills and Knowledge
 - People Skills
 - Data Skills
 - Business Knowledge
 - Governance Knowledge

Module Four: Data Governance Processes

- Governance and Management
 - The Processes of Governing Data
- Data Management Processes
 - Stewardship of Data
- Program Development Processes
 - Policy Alignment
 - Establishing Decision Rights
 - Designating Accountabilities and Responsibilities
 - Defining Goals and Measures
- Program Operation Processes
 - Stakeholder Support
 - Communication and Training
 - Measurement and Monitoring
 - Technology Alignment
- Program Sustaining Processes
 - Scope and Priorities Management

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- Issues Management
- Program Growth Processes
 - Change Management
 - Capabilities Development

Module Five: Building a Data Governance Program

- Getting Started
 - Where to Begin?
 - How Much Data?
 - How Much Governance?
 - What Do You Already Have?
 - Top-Down or Bottom-Up?
- Planning and Preparation
 - The Business Case
 - Program Charter
- Building the Team
 - Organizational Structure
 - Participants and Roles
 - Responsibilities and Accountabilities
 - Communication and Coordination
- Building the Infrastructure
 - Technology
 - Standards
 - Services
- Executing Governance
 - Program Execution
 - Planning and Executing Projects
 - Supporting Projects
 - Day-to-Day Governance

Module Six: Evolving Data Governance

- Modernizing and Maturing Data Governance
 - Responding to Change
 - Maturity Models
- Cloud Data Governance
 - Changing the Data Governance Landscape
 - Governance Considerations
- Big Data Governance
 - Big Data Sources

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- Governance Considerations
- Agile Data Governance
 - Agile Teams
 - Agile Considerations
 - Agile Projects and Governance Goals
 - Governing with Agility

Module Seven: Summary and Conclusion

- Summary of Key Points
 - A Quick Review
- References and Resources
 - To Learn More

Appendix A: Bibliography and References

Appendix B: Tools and Templates

- Data Governance Motivations (Assessment)
- Decision Rights (Template)
- Data Stewardship Needs (Assessment)
- Data Stewardship Skills (Assessment)
- Stakeholder Census (Assessment)
- Data Governance Program Charter (Template)