

Day 1: Data Governance Principles and Practices

- **Data Governance Concepts**
 - Defining Data Governance
 - Dimensions of Data Governance
 - Data Governance Challenges
 - Multiple Approaches
- **Data Governance Programs**
 - Governance and Management
 - Data Management Processes
 - Program Development Processes
 - Program Operation Processes
 - Program Sustaining Processes
 - Program Growth Processes
- **Applied Data Governance**
 - Governance through the Information Lifecycle
 - Agile Data Governance
 - Big Data Governance
 - Cloud Data Governance
 - Self-Service Data Governance
- **People and Data Governance**
 - Positioning Data Governance in the Enterprise
 - Governance and Management Practices
 - Data Governance Roles
 - Stewardship Concepts
 - Stewardship Organizations
 - Stewardship Skills and Knowledge
 - Data Curation
- **Building and Evolving a Data Governance Program**
 - Balanced Data Governance
 - Growing and Evolving Governance
 - Technology for Governance

Day 2 Morning: Metadata and Self-Service and Governance

- **The Dimensions of Metadata**
 - Metadata Basics
 - Metadata Types
 - Metadata Processes
 - Metadata Challenges
 - Metadata Governance
- **Self-Service: Balancing Autonomy and Order**
 - Self-Service BI and Analytics
 - Understanding Self-Service

- People and Self-Service Data Governance
- Data Architecture and Self-Service
- Technology and Self-Service

Day 2 Afternoon: Data Quality Management

- **Data Quality Basics**
 - Data Quality Needs
 - Data Quality Concepts
 - Data Quality Processes
- **Profiling Data**
 - Data Profiling Concepts
 - Column Profiling
 - Table Profiling
 - Cross-Table Profiling
 - Analyzing Data Profiles
 - Data Profiling in Practice
- **Assessing Data Quality**
 - Data Quality Assessment Concepts
 - Subjective Assessment
 - Objective Assessment
 - Data Quality Assessment in Practice

Day 3 Morning: Data Quality Management

- **Fixing Data Quality Defects**
 - Data Cleansing Concepts
 - Procedural Data Cleansing
 - Rule-Based Data Cleansing
 - Data Cleansing in Practice
- **Preventing Data Quality Defects**
 - Data Quality Organizations
 - Root Cause Analysis
 - Process Improvement

Day 3 Afternoon: WORKSHOP

- Data Governance Current State, Future State, and Gap Analysis
And one of:
- Data Governance Modernization Plan
- Data Quality Management Plan

Workshop final topic and scope to be determined during pre-course discussion and planning with instructor.