

Day 1 Morning

1. Data Governance Fundamentals
  - 1.1 Data Governance Concepts
    - Defining Data Governance
    - Dimensions of Data Governance
    - Data Governance Challenges
  - 1.2 Data Stewardship
    - Stewardship Concepts
    - Stewardship Organizations
    - Stewardship Skills and Knowledge
  - 1.3 Data Governance Processes
    - Developmental Processes
    - Active Governance Processes

Day 1 Afternoon

2. Data Governance Innovations
  - 2.1 The Current State of Data Governance
    - Current Definitions
    - Current Focus
    - Current Organizations
    - Current Processes
    - Why Data Governance Innovations?
    - Areas Of Innovation
  - 2.2 Agile Data Governance
    - Agile development
    - Agile teams
    - Agile projects
    - Agile culture
    - Agile governance
  - 2.3 Big Data Governance
    - Big Data Basics
    - Big Data and Governance Goals
  - 2.4 Cloud Data Governance
    - Cloud Data Basics
    - Cloud Data and Governance Goals
    - Migrating to the Cloud

- 2.5 Contemporary Governance Techniques
  - Data Governance Zones
  - Flat Data Governance Organizations
  - BI for Governance
  - Technology for Governance

### Day 2 Morning

- 3. Self-Service Data Governance
  - 3.1 Big Shifts in Data Management
    - The World of Legacy BI
    - Technology Revolution
    - Modern Data Ecosystems
    - The World of Modern Analytics
    - The Magnitude of Change
  - 3.2 Governance and the Information Supply Chain
    - Data Governance Goals
    - Data Protection in the Information Supply Chain
    - Data Utility in the Information Supply Chain
    - Data Value in the Information Supply Chain
  - 3.3 Technologies and Modern Data Governance
    - Technology Overview
    - Data Ingestion Tools
    - Data Cataloging Tools
    - Data Preparation Tools
    - Reporting and Analysis Tools
    - Data Lake and Data Pipeline Tools
  - 3.4 People, Processes, and Modern Data Governance
    - Changing Governance Practices
    - Rethinking Policy Enforcement
    - Rethinking Complexity
    - Rethinking Decision Rights
    - Rethinking Process Rigor
    - Stepping Up to Data Ethics
    - Data Governance as a Service

Day 2 Afternoon

- 4. Data Quality Management
  - 4.1 Data Quality Basics
    - Data Quality Concepts
    - Data Quality Processes
  - 4.2 Profiling Data
    - Data Profiling Concepts
    - Column Profiling
    - Table Profiling
    - Cross-Table Profiling
    - Analyzing Data Profiles
    - Data Profiling in Practice
  - 4.3 Assessing Data Quality
    - Data Quality Assessment Concepts
    - Subjective Assessment
    - Objective Assessment
    - Data Quality Assessment in Practice

Day 3

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

## Workshop

- Working with Your People, Projects, Processes and Data
- Choose from the following list of topics for a tailored workshop  
*(It is recommended that you select two topics for approximately 4.5 hours of workshop activity.)*
  - Defining and Structuring the Data Governance Organization
  - Defining and Designing Data Governance Processes
  - Modernizing Existing Data Governance Practices
  - Data Quality Assessment and Root Cause Analysis