Module One: Data Governance Concepts

- Defining Data Governance
  - Governance Defined
  - Governance Goals
  - Data Usage
- Dimensions of Data Governance
  - Governing Data
  - Business
  - People
  - Processes
  - Data
  - Technology
- Data Governance Challenges
  - What Data to Govern?
  - Who Governs?
  - How to Govern?
  - Funding and Staffing
  - Participation and Resistance
  - Awareness
  - Perception of Value
- Multiple Approaches
  - Hierarchical or Collaborative
  - Continuum

Module Two: Data Governance Programs

- Governance and Management
  - Managing a Governance Program
- Data Management Processes
  - Stewardship of Data
- Program Development Processes
  - Policy Alignment
  - Establishing Decision Methods
  - Designating Accountabilities & Responsibilities
  - Defining Goals and Measures
- Program Operation Processes
  - Stakeholder Support
Module Two: Program Sustaining and Growth Processes

- Program Sustaining Processes
  - Scope and Priorities Management
  - Issue Management
- Program Growth Processes
  - Change Management
  - Capabilities Development

Module Three: Applied Data Governance

- Governance through the Information Lifecycle
  - Positioning Processes
- Agile Data Governance
  - Agile Process and Values
  - Agile Teams
  - Agile Projects and Governance Goals
  - Agile Projects and Data Stewardship
  - Agile Projects and Data Governance Services
  - Agile Culture and Governance Roles
  - Agile Culture and Decision Processes
  - DevOps
  - Governing with Agility
- Big Data Governance
  - Big Data Defined
  - Big Data Sources
  - Big Data Characteristics
  - Data Governance Needs
  - Big Data and Governance Goals
- Cloud Data Governance
  - Changing the Data Governance Landscape
  - Cloud Data and Governance Goals
  - Migrating to the Cloud
- Self-Service Data Governance
  - Self-Service Defined
  - Self-Service Governance Needs

Module Four: People and Data Governance

- Positioning Data Governance in the Enterprise
  - Connecting Business Strategy with Data Governance
• Governance and Management Practices
  o Responsibility, Authority & Accountability
  o Decision Models
  o Horizontal Management in Vertical Organizations

• Data Governance Roles
  o Governance as Teamwork
  o Data Ownership
  o Data Stewardship
  o Data Custodianship
  o The Governance Team
  o Stakeholders

• Stewardship Concepts
  o Responsibilities and Accountabilities
  o Purpose and Results

• Stewardship Organizations
  o Kinds of Data Stewards
  o Stewardship and Data Domains
  o Councils, Committees, Communication, etc.

• Stewardship Skills and Knowledge
  o People Skills
  o Data Skills
  o Business Knowledge
  o Governance Knowledge

• Data Curation
  o Data Curation Defined
  o Stewardship Versus Curation
  o Governance and Curation

Module Five: Building and Evolving a Data Governance Program

• Balanced Data Governance
  o Continuum
  o Decision Rights and Decision Models
  o Enforcement and Prevention
  o Hierarchies and Networks
  o Rigor and Agility
  o Embedded Governance

• Growing and Evolving Governance
  o Applying BI Concepts for Data Governance
  o Measuring and Monitoring Governance

• Technology for Governance
  o Applications
Module Six: Summary and Conclusion

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

Appendix A: Bibliography and References

Appendix B: Example Tools and Templates