

Module 1 – The Value of DataOps

- Value of Analytics
- Data Supports Strategy
- Evolution Timeline
- Analytics Maturity
- Scope of Analytics
- Hindsight, Insight, and Foresight
- Business Understanding
- Data Understanding

Module 2 – Agile and DevOps Principles Applied to DataOps

- Data Preparation
- Data Cleaning and Organizing
- Modeling, Evaluation, Deployment
- Analytics Project Failure
- Data-Driven Core Competencies
- Analytical Core Competencies

Module 3 – The Scope and Components of DataOps

- Goals of DataOps
- Data Engineering
- Data Pipelines
- Curated Data
- Alignment
- Data Provisioning
- Data Prototyping
- Data Quality and Machine Learning

Module 4 – Where CI/CD Is Applied in DataOps

- Data Pipelines
- Continuous Integration and Delivery
- Foundational DataOps
- Accelerating Analytics and AI

Module 5 – Best Practices and How to Get Started

- Collaborative Teams
- Data Curation
- CI/CD
- Reuse and Automation
- Development Frameworks