### 1. Introduction to Data Management and Integration

- Understanding the Importance of Data Management
- Exploring Data Integration and its Significance
- Overview of Syniti ADM Framework

# 2. Data Governance and Quality

- Fundamentals of Data Governance
- Data Quality Management Strategies
- Implementing Data Governance with Syniti ADM

# 3. Data Integration Techniques

- ETL (Extract, Transform, Load) Processes
- Data Replication and Synchronization
- Real-time Data Integration

### 4. Data Modeling and Mapping

- Conceptual, Logical, and Physical Data Models
- Schema Mapping and Transformation
- Utilizing Syniti ADM for Data Modeling

#### 5. Master Data Management (MDM)

- Introduction to Master Data Management
- Creating a Single Source of Truth
- Using Syniti ADM for Master Data Management

#### 6. **Data Migration Strategies**

- Planning and Executing Data Migration
- Risk Management in Data Migration
- Leveraging Syniti ADM for Data Migration

# 7. Metadata Management

- Importance of Metadata in Data Management
- Capturing and Utilizing Metadata
- Syniti ADM's Approach to Metadata Management

#### 8. **Data Security and Compliance**

- Ensuring Data Security and Privacy
- Regulatory Compliance in Data Management
- Syniti ADM's Security Features

# 9. Data Analytics and Reporting

- Data Warehousing and Business Intelligence
- Enabling Data-Driven Decision Making
- Integrating Syniti ADM with Analytics Platforms

#### 10. Emerging Trends in Data Management

- Big Data and NoSQL Databases
- Cloud-Based Data Management Solutions
- Syniti ADM's Adaptation to Modern Data Trends

#### 11. Case Studies and Practical Applications

• Real-world Examples of Syniti ADM Implementation

- Challenges Faced and Solutions Provided
- Best Practices for Successful Implementation

# 12. Future Directions of Syniti ADM

- Roadmap and Updates for Syniti ADM
- Evolving Features and Functionality
- Staying Current in the Data Management Landscape