Master Data Management (MDM) for ERP Training Course

Professional Development Training Course Outline

Category	Enterprise Resource Planning (ERP)	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today’s data-driven business landscape, accurate and consistent enterprise data is critical for organizational success. Master Data Management (MDM) for ERP provides a centralized framework to harmonize, cleanse, and govern core business data across all departments, ensuring data integrity, compliance, and operational efficiency. Master Data Management (MDM) for ERP Training Course empowers professionals to master the concepts, tools, and strategies necessary for implementing robust MDM solutions within ERP systems, driving business intelligence, analytics, and digital transformation initiatives.

With the rise of cloud ERP solutions, AI-powered analytics, and data governance regulations, organizations are increasingly investing in MDM strategies to eliminate silos, reduce data duplication, and improve decision-making. Participants will gain hands-on experience through case studies, real-world scenarios, and ERP integration practices, equipping them to manage enterprise data effectively and unlock its full potential for competitive advantage and business growth.

Programme Curriculum

Master Data Management (MDM) for ERP Training Course

Introduction

In today’s data-driven business landscape, accurate and consistent enterprise data is critical for organizational success. Master Data Management (MDM) for ERP provides a centralized framework to harmonize, cleanse, and govern core business data across all departments, ensuring data integrity, compliance, and operational efficiency. Master Data Management (MDM) for ERP Training Course empowers professionals to master the concepts, tools, and strategies necessary for implementing robust MDM solutions within ERP systems, driving

business intelligence, analytics, and digital transformation initiatives.

With the rise of cloud ERP solutions, AI-powered analytics, and data governance regulations, organizations are increasingly investing in MDM strategies to eliminate silos, reduce data duplication, and improve decision-making. Participants will gain hands-on experience through case studies, real-world scenarios, and ERP integration practices, equipping them to manage enterprise data effectively and unlock its full potential for competitive advantage and business growth.

Course Duration

5 days

Course Objectives

By the end of this course, participants will be able to:

1. Understand the fundamentals of Master Data Management (MDM) in ERP systems.
2. Implement data governance frameworks to ensure data accuracy and compliance.
3. Develop strategies for data consolidation, cleansing, and enrichment.
4. Utilize ERP-integrated MDM tools for centralized data management.
5. Design data workflows and business rules for efficient operations.
6. Leverage analytics and reporting from accurate master data.
7. Apply AI and automation in MDM for enhanced efficiency.
8. Ensure regulatory compliance with GDPR, CCPA, and other standards.
9. Monitor and maintain data quality metrics and KPIs.
10. Integrate MDM with cloud and hybrid ERP platforms.
11. Optimize supply chain, finance, and HR operations through MDM.
12. Address real-world MDM challenges via case studies and practical exercises.
13. Build a roadmap for digital transformation leveraging MDM in ERP environments.

Target Audience

1. ERP Consultants
2. Data Governance Professionals
3. IT Managers and Project Leads
4. Business Analysts
5. Data Architects and Engineers
6. ERP Implementation Teams
7. Compliance and Risk Officers
8. C-Level Executives (CIO, CTO, CFO)

Course Modules

Module 1: Introduction to Master Data Management (MDM)

- Overview of MDM concepts and ERP integration
- Key challenges in enterprise data management
- Benefits of centralized master data
- Data lifecycle and MDM architecture
- Case Study: MDM implementation in a manufacturing ERP

Module 2: Data Governance and Compliance

- Principles of data governance
- Regulatory frameworks
- Data stewardship roles and responsibilities
- Policies for secure data handling
- Case Study: Governance strategy for a multinational ERP deployment

Module 3: Data Quality Management

- Identifying and measuring data quality issues
- Data cleansing, validation, and standardization techniques
- Data enrichment strategies
- Data profiling and audit methods
- Case Study: Reducing duplicate customer records in retail ERP

Module 4: MDM Implementation in ERP

- ERP modules and MDM integration
- Best practices for implementation
- Tool selection criteria for MDM
- Workflow automation for master data
- Case Study: ERP-MDM integration in a supply chain scenario

Module 5: Analytics and Reporting

- Leveraging master data for BI and analytics
- Reporting dashboards for data insights
- Predictive analytics using clean data
- KPI tracking for MDM success
- Case Study: Financial reporting improvement via MDM

Module 6: Cloud and Hybrid MDM Solutions

- Cloud-based ERP and MDM options
- Hybrid deployment strategies
- Data migration and synchronization
- Security and scalability considerations
- Case Study: Migrating on-prem ERP MDM to cloud

Module 7: AI and Automation in MDM

- AI-driven data matching and deduplication
- Automation of master data workflows
- Machine learning for predictive data quality
- Intelligent alerts for anomalies
- Case Study: Implementing AI-powered MDM in healthcare ERP

Module 8: Advanced MDM Strategies and Roadmap

- Developing a strategic MDM roadmap
- Enterprise-wide adoption strategies
- Continuous improvement and governance evolution
- ROI measurement and business impact

- Case Study: Global enterprise digital transformation with MDM

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call +254769199797

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com