SAP S/4HANA Master Data Governance (MDG) 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 the dynamic landscape of digital transformation, organizations are increasingly relying on SAP S/4HANA Master Data Governance (MDG) to ensure data accuracy, consistency, and compliance across enterprise systems. SAP S/4HANA Master Data Governance (MDG) Training Course is meticulously designed to empower participants with hands-on expertise, real-world case studies, and industry best practices in managing master data lifecycle, data quality, and governance frameworks. Participants will gain critical skills in data stewardship, business rules configuration, workflow management, and integration with SAP S/4HANA, enabling organizations to optimize operational efficiency and data-driven decision-making.

By the end of this course, participants will emerge as certified SAP MDG professionals, equipped to implement scalable data governance strategies, enforce data validation rules, and monitor compliance across business processes. Leveraging practical exercises, interactive simulations, and scenario-based learning, this course bridges the gap between theoretical knowledge and hands-on application. Whether you are a data analyst, consultant, or business process owner, this course equips you with advanced skills in master data management, data harmonization, and digital enterprise readiness, ensuring a competitive advantage in the era of intelligent enterprises.

Programme Curriculum

SAP S/4HANA Master Data Governance (MDG) Training Course

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Course Duration

5 days

Course Objectives

1. Understand the core concepts of SAP S/4HANA MDG and its role in enterprise data governance.
2. Gain expertise in master data lifecycle management for accurate and consistent data.
3. Learn to configure data models, domains, and attributes in SAP MDG.
4. Implement data validation rules and business workflows for governance compliance.
5. Explore integration techniques between SAP MDG and other SAP modules.
6. Apply data quality monitoring and reporting to ensure compliance.
7. Master change request management for seamless data updates.
8. Analyze real-world case studies to understand practical MDG implementations.
9. Develop skills in data harmonization and consolidation across business units.
10. Leverage analytics and dashboards for informed decision-making.
11. Implement role-based access controls and security in MDG.
12. Prepare for SAP MDG certification and professional advancement.
13. Explore emerging trends in intelligent enterprises, AI, and automation in data governance.

Target Audience

1. SAP Consultants (MDG, S/4HANA, FI, MM, SD)
2. Data Analysts and Data Architects
3. Business Process Owners
4. IT Managers and Data Governance Leads
5. SAP Project Managers
6. Enterprise Architects
7. Data Quality Specialists
8. Business Analysts

Course Modules

Module 1: Introduction to SAP S/4HANA MDG

- Overview of MDG architecture and capabilities
- Importance of master data governance in enterprises
- Key benefits for business and IT alignment

- SAP Fiori and SAP GUI interfaces
- Case Study: MDG implementation in a global manufacturing firm

Module 2: Master Data Domains & Models

- Understanding data domains
- Configuring data models and hierarchies
- Attribute management and relationships
- Best practices for domain governance
- Case Study: Harmonizing customer master data across regions

Module 3: Data Validation & Business Rules

- Creating validation rules for data accuracy
- Implementing derivation rules for automated data population
- Error handling and data correction processes
- Ensuring compliance with company standards
- Case Study: Validation of vendor master data in a retail company

Module 4: Workflow & Change Request Management

- Designing approval workflows for master data changes
- Configuring notifications and alerts
- Monitoring workflow performance
- Role-based workflow assignments
- Case Study: Streamlining change requests in finance master data

Module 5: Data Quality & Monitoring

- Tools for data quality analysis and improvement
- Duplicate check configuration
- Data enrichment techniques
- Reporting and dashboards for data governance
- Case Study: Improving material master quality in a manufacturing firm

Module 6: Integration with SAP Modules

- Integration with SAP FI, MM, SD, and HR
- Cross-module master data synchronization
- Real-time vs batch updates
- Troubleshooting integration issues
- Case Study: Integrating MDG with SAP S/4HANA for end-to-end process efficiency

Module 7: Security & Role Management

- Role-based access controls in MDG
- Data privacy and compliance management
- Segregation of duties in master data processes
- Auditing and logging activities
- Case Study: Securing sensitive financial master data

Module 8: Advanced Topics & Emerging Trends

- Data harmonization and consolidation strategies
- Leveraging AI & machine learning for data governance
- Cloud-based MDG deployments
- Preparing for SAP MDG certification
- Case Study: Implementing AI-powered data governance in a global enterprise

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
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

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