Data Governance for ERP Implementations 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 enterprise, the successful implementation of an Enterprise Resource Planning (ERP) system hinges on a robust Data Governance framework. An ERP implementation is not merely a technical upgrade; it is a fundamental business transformation that unifies mission-critical processes like finance, supply chain, and human resources. Without centralized data governance, the project faces critical risks, including poor data quality, regulatory non-compliance, and diminished system ROI. This course provides a clear, actionable roadmap for establishing the people, processes, and technology necessary to ensure the foundational integrity of your most valuable asset: your Master Data.

Data Governance for ERP Implementations Training Course is engineered to move beyond theoretical concepts, focusing specifically on the unique challenges and opportunities presented during a large-scale ERP rollout. Participants will master the critical intersection of Master Data Management (MDM) and governance, learning how to define data ownership, embed data quality checks into ERP data migration and daily operations, and establish a data stewardship model that sustains long-term business value. By integrating governance from the project's inception, organizations can achieve a Single Source of Truth, enable confident data-driven decision-making, and accelerate their journey towards digital transformation.

Programme Curriculum

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5 days

Course Objectives

1. Strategize a purpose-driven Data Governance Framework specifically tailored for complex ERP landscapes.
2. Define and operationalize Master Data Management (MDM) principles within the context of core ERP modules.
3. Implement a sustainable Data Stewardship model and clarify data ownership and accountability across business functions.
4. Develop and enforce Data Quality standards, rules, and metrics for mission-critical ERP data.
5. Mitigate Data Migration risks by embedding governance controls throughout the preparation and cutover phases.
6. Ensure absolute Regulatory Compliance through audit-ready data policies and lineage.
7. Design effective Data Security and Access Control mechanisms within the new ERP environment using Role-Based Access Control.
8. Establish an ERP Business Glossary and enterprise data definitions for consistency and data literacy.
9. Leverage Metadata Management and Data Cataloging tools to enhance data discoverability and trust.
10. Integrate Change Management strategies to foster a proactive, data-centric culture post-implementation.
11. Build the Business Case for Data Governance, demonstrating clear Return on Investment (ROI) and operational efficiency.
12. Govern the data lifecycle, from creation to archival, ensuring alignment with Information Lifecycle Management (ILM) in the ERP.
13. Prepare the data foundation for emerging technologies, including AI and Machine Learning within the new ERP ecosystem.

Target Audience

1. ERP Project Managers/Program Directors
2. Data Governance Council Members
3. Data Owners and Data Stewards
4. IT/Data Architects and Data Migration Teams

5. Business Process Owners (Finance, Supply Chain, HR)
6. Compliance, Risk, and Audit Professionals
7. Data Quality and Master Data Management (MDM) Specialists
8. Senior Business Stakeholders and C-Suite Sponsors

Course Modules

Module 1: Strategic Alignment & The ERP Governance Foundation

- Understanding Data Governance as an ERP Enabler not a project bottleneck.
- Defining the core components of the Governance Operating Model
- Linking Data Strategy to ERP business objectives and value streams.
- Establishing the Data Governance Council charter and roles/responsibilities.
- Case Study: Analyzing a Fortune 500 company's delayed ERP go-live due to inconsistent Customer Master Data definitions, focusing on the hidden cost of poor governance.

Module 2: Governing Master Data Management (MDM)

- Identifying Critical Data Elements (CDEs) and key ERP Master Data domains
- Implementing the MDM solution to enforce Single Source of Truth policies.
- Designing Data Modeling and architectural standards for the new ERP.
- Establishing workflows for Master Data creation, change, and retirement
- Case Study: A global manufacturing firm's successful implementation of Product Master Data Governance using a phased approach and automated data validation rules in SAP MDG/Informatica.

Module 3: Data Quality & Data Cleansing for Migration

- Developing Data Quality Rules and metrics for pre-migration data.
- The Data Profiling and Cleansing methodology using ETL/Data Migration tools.
- Integrating data quality checks directly into ERP Ingestion processes.
- Strategies for data remediation and ongoing data quality monitoring.
- Case Study: A retail company's strategy to achieve 99% accuracy in Inventory Master Data before Oracle ERP go-live, reducing post-migration stock discrepancies by 40%.

Module 4: Roles, Accountability, and Data Stewardship

- The critical distinction between Data Owner, Data Steward, and Data Custodian.
- Establishing a federated and centralized Data Stewardship structure for ERP data.
- Practical training for Data Stewards on issue resolution and policy enforcement.
- Implementing tools and processes for effective cross-functional collaboration.
- Case Study: How a healthcare provider created a successful, cross-functional Data Stewardship team to govern Patient and Service Master Data for their Epic ERP rollout.

Module 5: Regulatory Compliance and Data Security

- Mapping ERP data fields to key Compliance Regulations
- Implementing Data Classification and sensitivity tagging within the ERP.
- Designing Role-Based Access Control (RBAC) matrices for granular security.
- Establishing Data Lineage and audit trails for transparency and compliance reporting.
- Case Study: A financial institution's use of data governance to ensure segregated access and complete lineage for financial data in their new Dynamics 365 F&O system to meet SOX requirements.

Module 6: Metadata, Glossaries, and Data Literacy

- The value of a Business Glossary for standardizing ERP terminology.
- Using Metadata Management and Data Cataloging platforms to document ERP data assets.
- Establishing policies for technical metadata capture and maintenance.
- Developing an enterprise-wide Data Literacy program for ERP end-users.
- Case Study: A utility company's use of a Data Catalog to provide a self-service data environment, reducing the time for analysts to find and understand ERP data from weeks to minutes.

Module 7: Data Governance in the ERP Project Lifecycle

- Integrating governance activities into the Project Plan from initiation to hypercare.
- Best practices for governing the Data Migration and cleansing workstreams.
- Defining Go/No-Go Criteria tied to Data Quality and Governance readiness.
- Post-implementation strategy: transitioning from project to Business-as-Usual governance.
- Case Study: Lessons learned from a public sector organization's successful ERP implementation which mandated Data Governance sign-off as a non-negotiable gate for Go-Live.

Module 8: Advanced Topics & Future Trends

- Governing data for Advanced Analytics and embedded AI in the ERP system.
- Introduction to Data Mesh and Data Fabric concepts and their relevance to ERP data.
- Integrating Information Lifecycle Management policies with ERP archiving.
- Measuring and communicating Data Governance ROI and value realization.
- Case Study: Exploring a high-tech firm's use of governed ERP data to train machine learning models for predictive maintenance, achieving a $5M annual savings.

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

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