



Consulting and Training | Reach New Heights

Course Name

Advanced Data Governance Training

Sector Name

Digital Transformation and Innovation

Document Type

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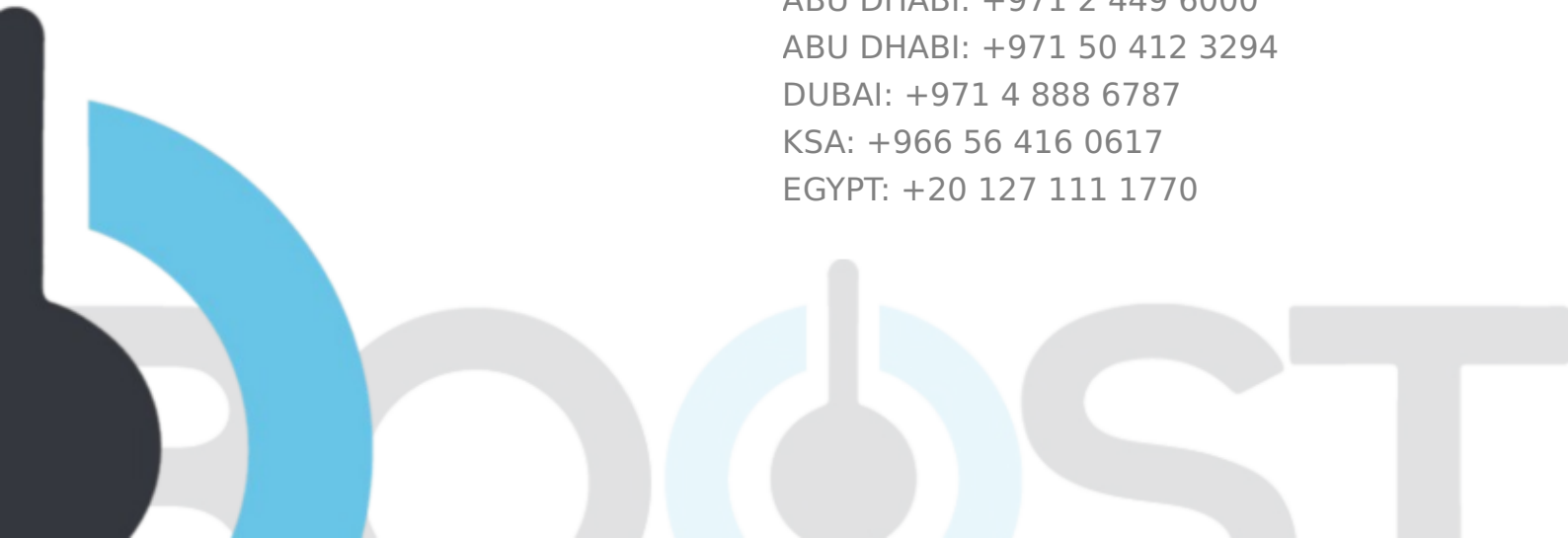
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Advanced Data Governance Training

Course Introduction

In today's data-driven organizations, advanced data governance is not just about control; it's a strategic capability that enables compliance, trust, agility, and value creation from data.

This **five-day** intensive **BOOST** training course is designed for experienced data professionals who are seeking to deepen their understanding of enterprise-wide data governance frameworks, policies, and implementation strategies at scale. Participants will engage with real-world case studies, hands-on exercises, and advanced tools to master the complexities of regulatory compliance (**such as GDPR, HIPAA, and CCPA**), data stewardship, data lineage, metadata management, master data governance, and the operationalization of governance in modern data ecosystems, including AI, big data, and cloud-based environments.

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Target Audience

- ✓ Chief Data Officers (CDOs)
- ✓ Data Governance Managers / Leads
- ✓ Data Architects and Engineers
- ✓ Information Security Professionals
- ✓ Data Stewards
- ✓ IT Governance Professionals
- ✓ Business Intelligence and Data Analytics Leaders
- ✓ Enterprise Architects
- ✓ AI and Machine Learning Practitioners seeking governance expertise

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Learning Objectives

- ✓ Design and implement enterprise-level data governance strategies aligned with business objectives and regulatory mandates.
- ✓ Apply advanced data stewardship practices and define data ownership models across complex organizations.
- ✓ Establish and operationalize data governance councils, policies, procedures, and KPIs.
- ✓ Integrate governance frameworks with data privacy, security, quality, and ethics standards.
- ✓ Employ metadata management, data lineage, and master data governance to ensure traceability and accountability.
- ✓ Use technology tools for governance automation, including data catalogs, lineage tools, and AI governance platforms.
- ✓ Address governance challenges in hybrid, cloud, and multi-cloud data architectures.
- ✓ Govern AI/ML data pipelines, synthetic data, and unstructured data sources effectively.
- ✓ Measure the success and maturity of data governance programs and develop roadmaps for long-term sustainability.

Advanced Data Governance Training

Course Outline

✓ DAY 01

Strategic Foundations of Enterprise Data Governance

- ✓ Advanced definitions and principles of data governance
- ✓ Data governance maturity models and industry benchmarks (DGI, DAMA, DCAM)
- ✓ Building a data governance strategy aligned to business and regulatory needs
- ✓ Governance vs. compliance vs. data quality - understanding intersections
- ✓ **Stakeholder analysis:** defining roles (owners, stewards, custodians)

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Course Outline

✓ Day 02

Operationalizing Governance Programs

- ✓ Establishing governance councils and cross-functional governance teams
- ✓ Defining data policies, standards, procedures, and control mechanisms
- ✓ Advanced data stewardship models and workflows
- ✓ KPI and metrics to track governance effectiveness and maturity
- ✓ Communication strategies for data governance adoption
- ✓ Conflict resolution and change management in data governance

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Course Outline

✓ Day 03

Metadata, Lineage, and Master Data Governance

- ✓ Metadata management: concepts, classification, and tools
- ✓ **Data lineage mapping:** tracing the flow, transformation, and ownership
- ✓ Business glossary, semantic layers, and ontologies
- ✓ Master Data Management (MDM) governance principles
- ✓ Reference data governance and harmonization

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Course Outline

✓ Day 04

Governing Data in Modern Architectures

- ✓ Data governance in big data, cloud, and hybrid ecosystems
- ✓ Cloud-native governance tools (AWS Lake Formation, Azure Purview, GCP Dataplex)
- ✓ Managing unstructured, semi-structured, and streaming data
- ✓ Data mesh and data fabric governance implications
- ✓ Governance for data lakes, warehouses, and lake houses

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Course Outline

✓ Day 05

Advanced Topics: AI, Ethics, Risk, and Future Governance

- ✓ Governing data for AI and machine learning models (model explainability, bias mitigation)
- ✓ Synthetic data, training data lineage, and algorithm accountability
- ✓ Data privacy and ethics integration (GDPR, CCPA, HIPAA, AI Act)
- ✓ Data risk management: identifying and mitigating governance-related risks
- ✓ Governance automation and AI-driven governance
- ✓ Data governance dashboards and continuous monitoring
- ✓ **Final Workshop:** Building a scalable governance roadmap for your organization

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
Aug. 3, 2026	Aug. 7, 2026	5 days	4250.00 \$	UAE , Dubai
Oct. 25, 2026	Oct. 29, 2026	5 days	2150.00 \$	Virtual , Online
Jan. 4, 2027	Jan. 8, 2027	5 days	4250.00 \$	UAE , Dubai
April 11, 2027	April 15, 2027	5 days	4250.00 \$	KSA , Jeddah
Oct. 12, 2026	Oct. 16, 2026	5 days	4950.00 \$	Singapore , Singapore
May 23, 2027	May 27, 2027	5 days	4250.00 \$	KSA , Riyadh

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