Leading Digital Transformation and Data Stewardship Training Course

14 - 18 Dec 2026

Cairo

3700 € (Per Person)

Ref: #DM6448_272841

Course Introduction / Overview:

This intensive training course is designed to equip current and future leaders with the essential skills to navigate and spearhead digital transformation initiatives while establishing robust data stewardship. In an era where data is a critical organizational asset, the ability to lead change, govern data effectively, and foster a data-driven culture is paramount. This program moves beyond theoretical concepts to provide a practical roadmap for implementing successful digital strategies. Drawing on principles articulated by thought leaders like Thomas H. Davenport in his work "Competing on Analytics", we explore how to transform data into a strategic advantage. Participants will learn to align technology adoption with business objectives, manage the complexities of data governance, and cultivate the leadership qualities necessary to drive sustainable change. BIG BEN Training Center has developed this course to bridge the gap between technological potential and strategic implementation, ensuring leaders can confidently manage the entire data lifecycle and secure a competitive edge in the digital economy.

Target Audience / This training course is suitable for:

- Chief Data Officers (CDOs) and Chief Information Officers (CIOs).
- IT Directors and Senior IT Managers.
- Business Unit Leaders and Department Heads.
- Data Stewards, Data Owners, and Data Custodians.
- Business Intelligence and Data Analytics Managers.
- Project and Program Managers overseeing digital initiatives.
- Strategy and Corporate Planning Executives.
- Compliance, Risk, and Governance Professionals.
- Aspiring leaders in technology and data management roles.

Target Sectors and Industries:

- Financial Services and Banking.
- Healthcare and Pharmaceuticals.
- Retail and E-commerce.
- Telecommunications and Technology.
- Manufacturing and Supply Chain.
- Energy and Utilities.
- Public Sector and Government Agencies.
- Consulting and Professional Services.
- Media and Entertainment.

Target Organizations Departments:

- Information Technology (IT) and Digital Strategy.
- Data Management and Analytics.
- Executive Leadership and Corporate Strategy.
- Operations and Business Process Management.
- Finance and Accounting.
- Marketing and Customer Insights.
- Human Resources.
- Legal, Risk Management, and Compliance.
- Research and Development.

Course Offerings:

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

- Develop a comprehensive digital transformation roadmap aligned with strategic business goals.
- Establish and implement an effective data stewardship and governance framework.
- Lead organizational change and cultivate a pervasive data-driven culture.
- Evaluate and select appropriate technologies to enable digital and data initiatives.
- Master the principles of data quality, metadata management, and the data lifecycle.
- Navigate the ethical considerations and privacy regulations related to data management.
- Articulate the business value of data assets to senior stakeholders.
- Measure the return on investment (ROI) of digital transformation projects.
- Develop strategies for data monetization while ensuring compliance and security.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, engaging, and practical, ensuring that participants can immediately apply their learning in a professional context. This course moves beyond traditional lectures, employing a blended learning approach that includes expert-led presentations, real-world case study analysis, and collaborative group workshops. Participants will engage in hands-on exercises to design data governance frameworks and digital transformation roadmaps. Interactive sessions and facilitated discussions encourage the sharing of experiences and peer-to-peer learning, creating a rich and dynamic educational environment. We emphasize problem-solving skills by presenting participants with complex scenarios that mirror the challenges they face in their organizations. Continuous feedback from the instructor and peers is a core component, allowing for a deeper understanding of the material. The course structure is built to foster critical thinking and strategic planning, equipping leaders not just with knowledge, but with the confidence to implement effective data and digital strategies.

Course Agenda (Course Units):

Unit One Foundations of Digital Leadership in the Data Era

- Defining digital transformation beyond technology adoption.
- The strategic role of data stewardship in modern enterprises.
- Understanding the dual role of a leader in driving change and governing data.
- Key concepts of data governance, data quality, and data lifecycle management.
- Assessing your organization's digital and data maturity level.
- The intersection of business strategy and data strategy.
- Identifying key stakeholders and building a coalition for change.

Unit Two Mastering Data Stewardship and Governance Frameworks

- Designing and implementing a data governance framework from scratch.
- Defining roles and responsibilities such as Data Owners, Stewards, and Custodians.
- Developing data policies, standards, and procedures.
- Mastering metadata management and its importance for data discovery.
- Techniques for ensuring and improving data quality across the organization.
- Creating a comprehensive data catalog and business glossary.
- Practical tools and technologies for data governance and stewardship.

Unit Three Driving a Data-Driven Culture and Managing Change

- The psychology of organizational change in a digital context.
- Strategies for overcoming resistance to new processes and technologies.
- Building a culture of data literacy and analytical curiosity.
- Effective communication strategies for digital transformation initiatives.
- Leading by example to foster data-driven decision-making at all levels.
- Developing training and development programs for data skills.
- Measuring cultural change and the adoption of new data practices.

Unit Four Strategic Technology Adoption and Implementation

- Aligning technology investments with business outcomes.
- Evaluating key enabling technologies like Cloud, AI, and IoT.
- Developing a technology roadmap for digital transformation.
- Managing cybersecurity risks in a data-centric organization.
- Principles of agile project management for digital initiatives.
- Vendor selection and management for technology solutions.
- Integrating new technologies with legacy systems and processes.

Unit Five Advanced Data Strategy, Ethics, and Future Trends

- Developing a strategy for data monetization and value creation.
- Navigating the complexities of data privacy regulations like GDPR and CCPA.
- The principles of data ethics and responsible AI.
- Measuring the ROI and business impact of data and digital initiatives.
- Building a resilient and future-proof data ecosystem.
- Anticipating future trends in digital transformation and data management.
- Creating a personal leadership action plan for driving digital and data excellence.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

As data becomes an organization's most valuable asset, how can leaders balance the drive for data monetization with the ethical responsibilities of data stewardship and privacy?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by holistically integrating the two critical pillars of modern business success: digital transformation and data stewardship. Unlike programs that treat these as separate disciplines, we focus on their symbiotic relationship, teaching leaders how to leverage robust data governance as the foundation for successful and sustainable digital change. The curriculum is uniquely designed for leaders, emphasizing strategic thinking, change management, and cultural development over purely technical skills. While other courses may focus on specific tools, our approach is tool-agnostic, providing timeless principles and frameworks that can be applied to any technological environment. We delve deeply into the practical challenges of implementation, using case studies and interactive workshops to prepare participants for real-world complexities. The program's emphasis on data ethics, privacy, and future-proofing ensures that graduates are not only equipped to lead today's initiatives but are also prepared to navigate the evolving digital and data landscape of tomorrow, making them truly effective and responsible digital leaders.