Advanced Enterprise Data Governance and Management Training Course

07 - 11 Dec 2026

Boston

7500 € (Per Person)

Ref: #IT6485_48534

Course Introduction / Overview:

In today's data-driven world, managing information is no longer just a technical task, it's a strategic business imperative. This Advanced Enterprise Data Governance and Management Training Course is designed to provide professionals with the comprehensive framework needed to control and leverage their organization's data effectively. The course explores the entire data lifecycle, from creation and storage to usage and retirement. We will delve into critical topics like establishing data quality standards, implementing data lineage, and ensuring compliance with a growing number of privacy regulations. Participants will learn how to build a data governance framework that supports business goals, mitigates risk, and promotes a culture of data-driven decision-making. The course also incorporates insights from academic texts, such as "Non-Invasive Data Governance: The Path of Least Resistance and Greatest Success" by Robert S. Seiner, which provides a practical approach to embedding governance within an organization. BIG BEN Training Center is committed to providing a curriculum that prepares professionals to transform their data into a valuable asset while maintaining security and integrity. This is crucial training for anyone responsible for data in their organization.

Target Audience / This training course is suitable for:

- Chief Data Officers (CDOs) and Chief Information Officers (CIOs).
- Data Stewards and Data Custodians.
- Information Technology (IT) Managers.
- Business Analysts.
- Compliance and Risk Management Officers.
- Data Scientists and Data Engineers.

Target Sectors and Industries:

- Financial services.
- Healthcare.
- Retail and e-commerce.
- Government agencies.
- Manufacturing.
- Technology and software.

Target Organizations Departments:

- Information Technology.
- Data Management and Analytics.
- Compliance and Legal.
- Operations.
- Risk Management.
- Marketing and Sales.

Course Offerings:

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

- Develop and implement a comprehensive data governance framework.
- Establish and maintain data quality standards and metrics.
- Map data lineage and lifecycle across the organization.
- Ensure compliance with data privacy regulations.
- Define roles and responsibilities for data stewardship.
- Create a data catalog and metadata management system.
- Leverage data governance for improved business intelligence.

Course Methodology:

BIG BEN Training Center's approach for this training course is highly practical, combining conceptual knowledge with real-world application. The methodology includes case studies from various industries to illustrate the challenges and successes of effective data governance. Participants will engage in collaborative workshops and group exercises, where they can practice developing governance policies, define data standards, and create data lineage maps. Interactive sessions will facilitate discussions on real-life scenarios, such as managing data in a multi-cloud environment or responding to a data privacy audit. The course also includes structured feedback sessions, allowing instructors to provide personalized guidance. This blend of methods ensures that participants can confidently apply the concepts of data governance to their specific organizational needs. Our focus is on practical implementation, moving beyond theory to help professionals build a scalable and sustainable data governance program.

Course Agenda (Course Units):

Unit One: Foundations of Data Governance.

- Defining data governance and its importance.
- The business case for data governance.
- Key components of a data governance framework.
- Roles and responsibilities in data governance.
- Data governance maturity models.
- Building a data governance roadmap.
- Gaining stakeholder buy-in.

Unit Two: Data Quality and Integrity.

- Defining data quality dimensions.
- Measuring and monitoring data quality.
- Developing data cleansing and validation processes.
- Data profiling techniques.
- Implementing data quality tools and technologies.
- Root cause analysis for data quality issues.
- Creating a data quality improvement plan.

Unit Three: Data Privacy and Compliance.

- Understanding global data privacy regulations (GDPR, CCPA).
- Implementing privacy by design principles.
- Managing data subject rights and consent.
- Conducting privacy impact assessments.
- Data security and access control.
- Auditing and reporting on compliance.
- The role of data governance in regulatory adherence.

Unit Four: Data Architecture and Metadata Management.

- Designing data architecture for governance.
- Data modeling and classification.
- Creating a centralized data catalog.
- Capturing and managing business and technical metadata.
- Data lineage and its importance.
- Data integration strategies.
- Data virtualization and its role.

Unit Five: Operationalizing Data Governance.

- Implementing a data governance council.
- Developing data policies and procedures.
- Training and communication strategies.
- Monitoring and measuring the success of the program.
- Handling data governance issues and escalations.
- Using data governance to support analytics and AI.
- The future of data governance.

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:

How can organizations transition from treating data governance as a compliance burden to recognizing it as a strategic asset that drives innovation and business growth?

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

This training course provides a comprehensive and hands-on approach to a topic that is often treated as theoretical exercise. Unlike other programs that focus on a single technology or tool, this course offers a holistic view of data governance, integrating business strategy, technical implementation, and compliance. We provide a structured framework for building a data governance program from the ground up, with a strong emphasis on practical application. The curriculum is designed to help professionals at all levels understand their role in managing data as a valuable asset. The course uses case studies and interactive exercises to illustrate the real-world challenges of data quality, privacy, and integrity. BIG BEN Training Center's approach is to equip participants with the skills to lead a successful data governance initiative, moving beyond just policy creation to focus on creating a sustainable, data-aware culture within their organization.