Data Governance and Quality for Business Intelligence Training Course



13 - 17 Dec 2026

Istanbul

4900 € (Per Person)

Ref: #BUI6684_220530

Course Introduction / Overview:

In today's data-driven world, the success of any business intelligence initiative hinges on the trustworthiness of its underlying data. This course provides a comprehensive exploration of Data Governance and Quality Management, two essential pillars for transforming raw data into reliable, actionable insights. Participants will move beyond theoretical concepts to master the practical implementation of robust governance frameworks and data quality controls. Drawing on principles articulated by experts like Thomas C. Redman in his seminal work, "Data Driven: Profiting from Your Most Important Business Asset," this program emphasizes that high-quality data is not a technical issue but a business imperative. Throughout this intensive training, BIG BEN Training Center will guide you through establishing data stewardship, defining quality metrics, and embedding a culture of data excellence across your organization. This course is meticulously designed to equip professionals with the skills to build and maintain a data ecosystem that supports strategic decision-making, ensures regulatory compliance, and unlocks the full potential of business intelligence platforms, ultimately driving competitive advantage and operational efficiency.

Target Audience / This training course is suitable for:

- Data Analysts and Scientists.
- Business Intelligence (BI) Developers and Managers.
- IT Managers and Directors.
- Data Stewards and Data Owners.
- Database Administrators.
- Compliance and Risk Management Officers.
- Business Analysts and Systems Analysts.
- Project Managers involved in data-related projects.
- Executives and Department Heads seeking to foster a data-driven culture.

Target Sectors and Industries:

- Financial Services and Banking.
- Healthcare and Pharmaceuticals.
- Retail and E-commerce.
- Telecommunications.
- Manufacturing and Supply Chain.
- Technology and Software.
- Government Agencies and Public Sector Organizations.
- Insurance and Risk Management.
- Consulting Services.

Target Organizations Departments:

- Information Technology (IT).
- Business Intelligence and Analytics.
- Finance and Accounting.
- Marketing and Sales.
- Operations and Logistics.
- Risk Management and Compliance.
- Human Resources.
- Customer Service.
- Strategic Planning.

Course Offerings:

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

- Design and implement a comprehensive data governance framework tailored to organizational needs.
- Define and establish clear data stewardship roles and responsibilities.
- Develop and apply data quality rules, metrics, and key performance indicators (KPIs).
- Master techniques for data profiling, cleansing, and enrichment.
- Implement effective Master Data Management (MDM) strategies.
- Ensure data practices align with regulatory requirements like GDPR and CCPA.
- Integrate data governance principles directly into the business intelligence lifecycle.
- Create and manage a business glossary and data catalog for improved data discovery.
- Foster a sustainable, data-aware culture throughout the organization.
- Develop a strategic roadmap for continuous improvement in data governance and quality.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, practical, and engaging, ensuring that participants not only learn the theory but can also apply it effectively in their professional roles. Our approach moves beyond traditional lectures to create a dynamic learning environment. The course heavily emphasizes real-world case studies, allowing participants to analyze and solve complex data governance and quality challenges faced by various industries. Collaborative group workshops and team-based exercises are central to the learning process, encouraging peer-to-peer knowledge sharing and problem-solving. Participants will engage in hands-on activities, such as developing a sample data governance policy, creating data quality scorecards, and mapping data lineage. Expert instructors facilitate interactive discussions, providing personalized feedback and guiding participants through complex topics. This blended approach ensures a deep understanding of the principles and equips attendees with the practical tools and confidence to initiate and lead data governance and quality initiatives within their own organizations.

Course Agenda (Course Units):

Unit One: Foundations of Data Governance and Quality

- Introduction to Data as a Strategic Asset.
- Defining Data Governance and its Business Value.
- The Core Components of a Data Governance Framework.
- Understanding the Dimensions of Data Quality.
- The Relationship Between Data Governance, Data Quality, and BI.
- Common Pitfalls in Data Management and How to Avoid Them.
- Assessing Your Organization's Data Maturity Level.

Unit Two: Designing and Implementing a Data Governance Framework

- Establishing a Data Governance Operating Model.
- Defining Roles and Responsibilities: Data Owners, Stewards, and Custodians.
- Creating the Data Governance Council or Committee.
- Developing Data Policies, Standards, and Procedures.
- Building a Business Glossary and Data Dictionary.
- Introduction to Metadata Management Strategies.
- Crafting a Communication and Change Management Plan for Governance Adoption.

Unit Three: Mastering Data Quality Management

- Techniques for Data Profiling and Discovery.
- Establishing Data Quality Rules and Validation Processes.
- Methodologies for Data Cleansing and Standardization.
- Implementing Data Quality Monitoring and Reporting Dashboards.
- Root Cause Analysis for Data Quality Issues.
- Data Enrichment and Augmentation Strategies.
- The Role of Technology in Automating Data Quality Management.

Unit Four: Data Governance in the BI and Analytics Ecosystem

- Integrating Governance into the Data Lifecycle.
- Ensuring Data Quality in Data Warehouses and Data Lakes.
- Data Lineage and Impact Analysis for BI Reports.
- Governing Self-Service BI and Analytics Platforms.
- Master Data Management (MDM) and its Role in BI Consistency.
- Managing Reference Data for Accurate Reporting.
- Balancing Data Accessibility with Data Control.

Unit Five: Advanced Topics and Sustaining a Data-Driven Culture

- Data Privacy, Security, and Ethical Data Handling.
- Navigating Regulatory Compliance (GDPR, CCPA, etc.).
- Developing a Long-Term Roadmap for Data Governance.
- Measuring the ROI of Data Governance and Quality Initiatives.
- Fostering a Culture of Data Responsibility and Accountability.
- Future Trends in Data Governance and Analytics.
- Final Project: Developing a Data Governance Initiative Proposal.

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 increasingly democratized within an organization, how can a centralized governance framework adapt without stifling innovation and agility?

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

This course distinguishes itself by providing a holistic and business-centric perspective on data governance and quality, moving beyond a purely technical or tool-based approach. While other programs may focus on specific software, our curriculum emphasizes the strategic framework, organizational change management, and cultural shifts necessary for sustainable success. We focus on the "why" behind the "how," ensuring participants understand the business impact of every governance decision. The content is uniquely structured to bridge the often-siloed worlds of IT and business, fostering a common language and collaborative approach to data management. A key differentiator is our emphasis on practical application through real-world case studies and hands-on workshops, where participants don't just learn about data stewardship but actively simulate the role. Rather than simply listing data quality dimensions, we delve into the nuances of implementing root cause analysis and continuous monitoring cycles. This program is designed not just to train data professionals, but to cultivate strategic data leaders who can build trust in their organization's data and drive true business intelligence.