DMBoK and CDMP Preparation: Data Management Fundamentals

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Paris (France)



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Why This Course

Effective data management is now essential for organizations that want to improve decision-making, strengthen governance, ensure data quality, and maximize the value of their data assets. As businesses generate and rely on increasingly complex data, professionals need a structured understanding of recognized frameworks, standards, and best practices.

This intensive 1-week Data Management Fundamentals and CDMP Preparation Training program is based on DAMA's Data Management Body of Knowledge DMBoK v2. It provides participants with a practical and comprehensive overview of the main data management disciplines while supporting preparation for the Certified Data Management Professional CDMP exam. Through lectures, discussions, practical exercises, and exam-focused review activities, participants will build the knowledge and confidence needed to apply data management principles in real business environments.

What You'll Learn and Practice

By joining this program, you will:

- Understand core data management concepts and terminology from DMBoK v2.
- Explore the key data management knowledge areas and their business value.
- Apply best practices for data governance, policies, and standards.
- Understand enterprise data architecture and data modeling approaches.
- Develop practical awareness of conceptual, logical, and physical data models.
- Improve data quality management and master data management practices.
- Understand reference data management and its role in consistency.
- Apply data security, privacy, and access control principles.
- Explore data warehousing, ETL processes, and integration practices.
- Build exam readiness for the CDMP Data Management Fundamentals certification.



The Program Flow

Day 1: Introduction and Data Governance

- Explore the structure and purpose of DMBoK v2.
- Understand CDMP certification requirements and exam expectations.
- Review data management fundamentals, terminology, and key concepts.
- Understand data governance principles, roles, and frameworks.
- Develop data policies, standards, and governance implementation approaches.

Day 2: Data Architecture and Modeling

- Understand the role of enterprise data architecture in organizational data management.
- Explore data architecture components, principles, and business alignment.
- Apply data modeling techniques and recognized best practices.
- Compare conceptual, logical, and physical data models.
- Understand data integration, interoperability, and architecture consistency.

Day 3: Data Quality and Master Data Management

- Identify key data quality dimensions and assessment techniques.
- Apply methods for measuring, monitoring, and improving data quality.
- Develop practical approaches for data quality improvement programs.
- Understand master data management concepts and implementation models.
- Explore reference data management best practices and business benefits.

Day 4: Data Security and Data Warehousing

- Understand data security and privacy principles within data management.
- Apply access control and data protection techniques.
- Explore data warehouse architecture, design, and business purpose.
- Understand ETL processes and their role in data integration.
- Identify good practices for secure, reliable, and scalable data warehousing.

Day 5: Metadata Management and Exam Preparation

- Understand metadata management strategies and implementation practices.
- Explore data lifecycle management from creation to retention and disposal.
- Review CDMP exam format, question styles, and preparation approaches.
- Practice exam questions and review key knowledge areas.
- Complete a mock exam activity with guided feedback and improvement tips.



Individual Impact

- Build a strong foundation in data management based on DMBoK v2.
- Strengthen understanding of data governance, architecture, quality, and security.
- Improve confidence in applying data management concepts to business scenarios.
- Develop exam readiness for the CDMP Data Management Fundamentals certification.
- Enhance professional credibility and career growth in data management roles.

Work Impact

- Support the design and implementation of effective data governance programs.
- Improve data quality, consistency, and reliability across the organization.
- Strengthen master data and reference data management practices.
- Enhance data security, privacy, warehousing, and integration capabilities.
- Promote better business decisions through structured and trusted data management.

Training Methodology

This program combines DMBoK-based knowledge with practical application and exam preparation through:

- Instructor-led explanations of key DMBoK v2 concepts.
- Practical discussions linked to real business data management challenges.
- Data governance, quality, architecture, and security exercises.
- Case studies on implementing data management practices.
- CDMP-style practice questions and review sessions.
- Mock exam activity with feedback and preparation guidance.

Beyond the Course

Upon completion, participants will be able to:

- Explain and apply core data management principles from DMBoK v2.
- Design practical data governance policies, standards, and frameworks.
- Support data quality and master data management improvement initiatives.
- Apply data security, warehousing, metadata, and lifecycle management practices.
- Prepare more confidently for the CDMP Data Management Fundamentals exam.

