

## Course of DMBok and CDMP Preparation: Data Management

20 – 24 September 2027  
Düsseldorf (Germany)

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### Introduction

The DMBok and CDMP Preparation: Data Management Fundamentals program is a comprehensive professional training course designed to build a strong and practical foundation in data management while preparing participants for the Data Management Body of Knowledge DMBok exam and the globally recognized Certified Data Management Professional CDMP certification.

This program addresses the growing organizational need for structured, reliable, and governed data in an increasingly data-driven environment. It focuses on the core principles that govern data management within organizations, including data governance, data quality, metadata management, data integration, and data security.

By combining conceptual frameworks with real-world applications, the course supports professionals in strengthening data management strategies, addressing operational challenges, and progressively building the exam readiness required to successfully pass the CDMP certification examination. The learning journey is structured to move from foundational concepts to focused exam preparation, ensuring both practical competence and certification success.

### Course Objectives

This program is designed to build strong foundational knowledge and certification readiness in data management. By the end of the course, participants will be able to:

- Understand the fundamental principles of data management and their practical application within organizations.
- Acquire the required knowledge to prepare for the DMBok exam and achieve the CDMP certification.
- Apply best practices in data governance, data quality, metadata management, and data security.
- Develop effective strategies to enhance enterprise-wide data management capabilities.
- Demonstrate readiness to successfully pass the Certified Data Management Professional CDMP exam.

### Course Outlines

The course is structured across five intensive days, covering all essential knowledge areas required for both professional practice and certification preparation:

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A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) positioned on it. The board is white and black, and the pieces are gold and silver.

## **Day 1: Data Management Fundamentals and the DMBoK Framework**

- Definition of data management and its importance in modern organizations.
- Core data management practices and responsibilities.
- The relationship between data and technology in the digital era.
- Introduction to the Data Management Body of Knowledge DMBoK framework.
- Overview of the ten DMBoK knowledge domains.
- Applying the DMBoK framework within organizational environments.
- Definition and importance of data governance.
- Organizational structures supporting effective data governance.

## **Day 2: Data Governance and Data Quality Fundamentals**

- Best practices for establishing and implementing data governance policies.
- Definition of data quality and methods for measuring it.
- Key data quality dimensions, including accuracy, consistency, and completeness.
- Techniques for improving data quality across the organization.
- Introduction to data architecture and its organizational role.
- Key components of data architecture.
- Designing flexible and efficient data structures.
- Introduction to data modeling concepts.

## **Day 3: Data Modeling, Metadata, and Data Integration**

- Types of data models: conceptual, logical, and physical.
- The role of data modeling in data quality and data governance.
- Definition and purpose of metadata in data management.
- Types of metadata: business, technical, and operational.
- Best practices for effective metadata management.
- Data integration techniques across multiple systems.
- The role of extract, transform, and load processes in data integration.
- Building efficient and integrated data repositories.

## **Day 4: Data Security, Data Privacy, and CDMP Exam Overview**

- Fundamental principles of data security.
- Best practices for protecting data against threats and risks.
- Data privacy laws and regulations and their impact on data management.
- Concept and importance of master data management.
- Implementing master data management across the organization.
- Best practices for maintaining master data quality.
- Overview of the Certified Data Management Professional CDMP certification.
- Key knowledge areas covered in the CDMP exam.
- Proven strategies for effective CDMP exam preparation.

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## Day 5: Data Lifecycle, Master Data Challenges, and Final Exam Preparation

- Stages of the data lifecycle from creation to deletion.
- Strategies for managing data throughout its lifecycle.
- Data retention policies and regulatory compliance requirements.
- Quality and governance challenges in master data management.
- Improving coordination between master data and operational data.
- Practical solutions to common master data management challenges.
- Comprehensive review of core concepts and frameworks.
- Practice exam questions and mock tests.
- Final tips and strategies for successful CDMP exam completion.

## Why Attend This Course: Wins & Losses!

- A structured and comprehensive understanding of data management fundamentals.
- Practical knowledge aligned with the DMBok framework.
- Strong preparation for the CDMP certification exam.
- Improved capability in data governance, data quality, and data security practices.
- Enhanced ability to design and implement effective data management strategies.
- Increased professional credibility through globally recognized certification readiness.

## Conclusion

The DMBok and CDMP Preparation: Data Management Fundamentals program delivers a structured, balanced, and results-driven learning experience that builds essential data management knowledge while transitioning smoothly into focused CDMP exam preparation.

**By the end of the program, participants will possess a solid understanding of DMBok principles, practical data management methodologies, and the confidence required to successfully achieve the Certified Data Management Professional CDMP certification. The skills and knowledge gained enable participants to apply internationally recognized best practices, strengthen organizational data capabilities, and contribute effectively to data-driven decision-making and governance within their organizations.**

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A graphic illustration of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a gold pawn nearby. The background features concentric circles, suggesting a strategic or competitive theme.