Mastering Data Management: CDMP &DMBOK Essentials

Duration: 5 Days

Language: en

Course Code: PI2-102

Objective

:Upon completion of this course, participants will be able to

- Understand the core principles of data management as outlined in DMBOK.
- Effectively prepare for and pass the CDMP certification exam.
- Implement best practices in data governance, quality, architecture, and lifecycle management.
- Utilise advanced data visualisation techniques to present data insights compellingly.
- Navigate and manage big data environments and utilise data analytics tools.
- Develop and execute data management strategies that align with organisational goals.

Audience

:This course is ideal for

- Aspiring and current data management professionals
- Data analysts and data scientists
- IT professionals involved in data governance and quality

- Business intelligence professionals
- Anyone seeking CDMP certification

Training Methodology

This course uses a variety of adult learning styles to aid full understanding and comprehension.

- Interactive lectures and presentations
- Hands-on workshops and labs
- Group discussions and case studies
- Mock exams and quizzes
- Access to online resources and community forums

Summary

Unlock the full potential of data management with our meticulously crafted course, "Mastering Data Management and Visualisation: Comprehensive CDMP and DMBOK Preparation." This course is designed to provide you with a solid foundation in data management principles, prepare you for the Certified Data Management Professional (CDMP) exam, and offer in-depth knowledge of the Data Management Body of Knowledge (DMBOK). Tailored to meet the needs of professionals in the dynamic field of data science, this course combines theoretical insights with practical applications to ensure you are well equipped to handle real-world data challenges.

Course Content & Outline

Section 1: Introduction to Data Management

- Overview of Data Management

- The Importance of Data in Modern Business
- Key Concepts and Terminologies

Section 2: DMBOK Framework

- Detailed Examination of DMBOK
- Data Governance and Stewardship
- Data Quality Management
- Data Architecture and Design
- Data Storage and Operations

Section 3: Preparing for the CDMP Exam

- Understanding the CDMP Certification
- Exam Structure and Key Focus Areas
- Study Tips and Techniques
- Sample Exam Questions and Practice Tests

Section 4: Data Governance and Stewardship

- Defining Data Governance
- Establishing Data Policies and Standards
- Roles and Responsibilities in Data Governance
- Case Studies and Best Practices

Section 5: Data Quality Management

- Introduction to Data Quality
- Data Quality Dimensions and Metrics
- Tools and Techniques for Data Quality Assessment
- Implementing Data Quality Improvement Plans

Section 6: Data Architecture and Design

- Principles of Data Architecture
- Designing Effective Data Models
- Database Management Systems (DBMS)
- Emerging Trends in Data Architecture

Section 7: Data Lifecycle Management

- Understanding Data Lifecycles
- Data Retention and Archiving Strategies
- Data Disposal and Security
- Legal and Regulatory Considerations

Section 8: Advanced Data Visualisation Techniques

- Basics of Data Visualisation
- Tools and Software for Data Visualisation
- Creating Interactive Dashboards
- Best Practices for Data Presentation

Section 9: Big Data and Data Analytics

- Introduction to Big Data
- Big Data Technologies and Platforms
- Data Analytics and Machine Learning
- Practical Applications and Case Studies

Section 10: Developing Data Management Strategies

- Crafting a Data Management Strategy
- Aligning Data Strategy with Business Objectives
- Implementing and Monitoring Data Strategies
- Continuous Improvement and Future Trends

Certificate Description

Upon successful completion of this training course, delegates will be awarded a Holistique Training Certificate of Completion. For those who attend and complete the online training course, a Holistique Training e-Certificate will be provided.

Holistique Training Certificates are accredited by the British Assessment Council (BAC) and The CPD Certification Service (CPD), and are certified under ISO 9001, ISO 21001, and ISO 29993 standards.

CPD credits for this course are granted by our Certificates and will be reflected on the

Holistique Training Certificate of Completion. In accordance with the standards of The CPD Certification Service, one CPD credit is awarded per hour of course attendance. A maximum of 50 CPD credits can be claimed for any single course we currently offer.

Categories

AI, Data and Visualisation, Management & Leadership, Technology

Tags

Qualitative Data, Data Management, DM BOK, DMBOK

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