

COURSE OVERVIEW IT0062
Certified Data Management Professionals (CDMP) – Associate
(DAMA-CDMP Associate Exam Preparation Training)

Course Title

Certified Data Management Professionals (CDMP) - Associate: *(DAMA-CDMP Associate Exam Preparation Training)*



H-STK[®]
INCLUDED

Course Date/Venue

Session 1: October 18-22, 2026/Tamra Meeting Room, Al Bandar Rotana Creek, Dubai, UAE
 Session 2: December 13-17, 2026/Crowne Meeting Room, Crowne Plaza Al Khobar, an IHG Hotel, Al Khobar, KSA

Course Reference

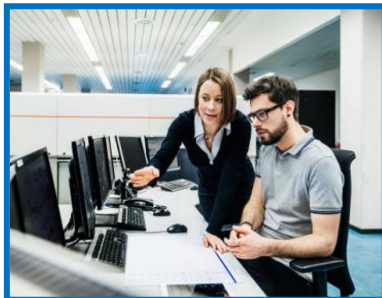
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Course Duration/Credits

Five days/3.0 CEUs/30 PDHs



Course Description



This highly-interactive course includes various practical sessions and exercises. Theory learnt will be applied using the “Power BI” application.



This course is designed to provide participants with a detailed and up-to-date overview of Certified Data Management Professionals (CDMP) - Associate. It covers the data management fundamentals and DAMA-DMBOK framework; the data governance essentials, data architecture fundamentals and metadata management; the advanced data governance, data quality management and data modeling and design; the master and reference data management (MDM/RDM), data lifecycle management, data integration and interoperability; the data security management, data privacy and compliance, data storage and operations; the data warehousing concepts, business intelligence (BI) fundamentals, big data and data lakes; and the data ethics and stewardship.



During this interactive course, participants will learn the data science and analytics integration, records and content management; the knowledge management, emerging trends in data management and CDMP associate exam preparation; the data management program implementation and roadmap for enterprise data management programs; the change management for data initiatives, resource planning and budgeting; the data management KPIs and metrics and benchmarking against industry standards; and the ROI analysis for data initiatives and reporting results to stakeholders.

Course Objectives/Outcomes & Benefits for the Participants

Upon the successful completion of this course, each participant will be able to:-

- Get prepared for the next CDMP - Associate exam and have enough knowledge and skills to pass such exam in order to get the Certified Data Management Professionals (CDMP) - Associate certification from the Data Management (DAMA)
- Discuss data management fundamentals, DAMA-DMBOK framework, data governance essentials, data architecture fundamentals and metadata management
- Carryout advanced data governance, data quality management and data modeling and design
- Illustrate master and reference data management (MDM/RDM), data lifecycle management, data integration and interoperability and data security management
- Apply data privacy and compliance, data storage and operations as well as data warehousing concepts
- Recognize business intelligence (BI) fundamentals, big data and data lakes including data ethics and stewardship
- Apply data science and analytics integration, records and content management and knowledge management
- Discuss the emerging trends in data management including CDMP associate exam preparation
- Explain the data management program implementation and apply roadmap for enterprise data management programs, change management for data initiatives, resource planning and budgeting
- Carryout data management KPIs and metrics, benchmarking against industry standards, ROI analysis for data initiatives and reporting results to stakeholders

Exclusive Smart Training Kit - H-STK®



Participants of this course will receive the exclusive “Haward Smart Training Kit” (H-STK®). The H-STK® consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.

Who Should Attend

This course provides an overview of all significant aspects and considerations of data management for energy and project managers, data analysts and data stewards, data management practitioners, business analysts, database administrators (DBAs), IT professionals and compliance and risk officers.

Exam Eligibility & Structure


- Less than 2 years of experience
- Pass the Fundamental Exam

Certificate Accreditations

Haward's certificates are accredited by the following international accreditation organizations: -

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British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

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The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **3.0 CEUs** (Continuing Education Units) or **30 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

Training Fee

US\$ 5,500 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Exam Fee

US\$ 415 + VAT

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Mr. Pan Kosmidis, MSc, BSc, is a **Senior IT Specialist** with over **20** years of experience in the areas of Programming with **Python & Java Specialization**, Development Environment Setup for **Python & Java**, **Python Syntax & Data Types**, **Python** Control Structures, Sentiment Analysis using **Python**, Machine Learning with **Python**, Geoprocessing Scripts Using **Python**, Face Detection with OpenCV in **Python**, **Programming**, **Data** Structures, Artificial Intelligence (**AI**), **Systems Modeling**, **Web Dev**, **Databases**, **Mobile Dev**, **Data**

Analytics for Business Leaders, **Data Quality** Management, **IT Data** Architecture, **Data** Management & Analysis using **Excel®**, **Advanced Data** Analysis, **Microsoft Data** Analysis, **Microsoft Enterprise** Systems, **Microsoft Servers**, **Microsoft Hyper-V**, **Microsoft Exchange**, **Microsoft 365** Cloud Services (Exchange Online, Teams, OneDrive), **Microsoft Azure & Hybrid Active Directory** Environments, **AI** Fundamentals, Effective & Interactive **Dashboards**, **Predictive Analytics** Concepts, Apply **AI** Algorithms, **AI-Driven** Predictive Maintenance, Data Storytelling with **AI Insights**, Integrating Real-Time **Data Ingestion**, and **Software Tools** such as **Python**, **Java**, **JavaScript/TypeScript**, **C#/.NET**, **PHP/Laravel**, **Node.js**, **HTML/CSS**, **SQL (RDBMS & NoSQL)**, **Redis**, **RabbitMQ**, **Kafka**, **Event Store**, **Docker**, **CI/CD**, **Git** and **Methodologies & Architecture** such as **Agile (Scrum, Kanban)**, **DDD**, **CQRS**, **Clean Architecture**, **Event Sourcing**, **SOLID**, **RESTful APIs** and **CI/CD Pipelines**. Further, he is also well-versed in **Business Management**, **Financial Marketing**, **Contract Negotiation**, **Crisis Management**, **Training Programme Design & Delivery**, **Project Management**, **Business & Team Leadership**, **Financial Analysis**, **Investment & Risk Management**, **Technical & Fundamental Analysis**, **Mentoring** and **Consultancy**.

During his career life, Mr. Kosmidis has gained his practical and field experience through his various significant positions and dedication as the **Business Development Operations Director**, **Enterprise Architect**, **IT Consultant**, **Educational Consultant & Instructor**, **Investment Analyst & Trader**, **University Lecturer**, **DevOps Engineer**, **Security & Crisis Management Instructor**, **IT Specialist**, **Software Developer** and **Senior Instructor/Trainer/Lecturer** from various companies and universities.

Mr. Kosmidis is currently taking up his **Master's** degree in **Data Analytics** and **Financial Technology** and he holds a **Bachelor's** degree with (Honours) in **Computer Science** and a **Bachelor's** degree in **Business Administration & Economics**. Further, he is a **Certified Instructor/Trainer** and has delivered numerous trainings, courses, workshops, conferences and seminars internationally.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures
- 20% Practical Workshops & Work Presentations
- 30% Hands-on Practical Exercises & Case Studies
- 20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the workshop for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1

0730 – 0800	Registration & Coffee
0800 – 0815	Welcome & Introduction
0815 – 0830	PRE-TEST
0830 – 0930	Overview of CDMP Certification Levels of CDMP (Associate, Practitioner, Master) • Exam Structure, Format, & Passing Requirements • Benefits & Career Opportunities with CDMP • Recertification & Continuing Professional Development (CPD)
0930 – 0945	Break
0945 – 1030	Data Management Fundamentals Definition & Scope of Data Management (DM) • The 11 DAMA-DMBOK2 Knowledge Areas • Data as a Strategic Enterprise Asset • The Role of the Data Management Professional
1030 – 1130	DAMA-DMBOK Framework DM Wheel Structure & Relationships • Core versus Supporting Knowledge Areas • Relationship to Other Frameworks (COBIT, TOGAF, ISO 8000) • Applying DMBOK in Practice
1130 – 1215	Data Governance Essentials Definition & Purpose of Data Governance • Roles: Data Owners, Data Stewards, Custodians • Data Policies, Standards & Procedures • Governance Maturity Models

1215 – 1230	Break
1230 – 1330	Data Architecture Fundamentals Enterprise Data Architecture Components • Conceptual, Logical & Physical Data Models • Integration with Enterprise Architecture • Architecture Governance Principles
1330 – 1420	Metadata Management Overview Types of Metadata (Business, Technical, Operational) • Metadata Repositories & Catalogs • Metadata Standards (ISO 11179, Dublin Core) • Role of Metadata in Data Quality Improvement
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day One

Day 2

0730 – 0830	Advanced Data Governance Governance Operating Models (Centralized, Decentralized, Hybrid) • Governance Councils & Committees • Measuring Governance Effectiveness • Compliance & Regulatory Considerations
0830 – 0930	Data Quality Management Data Quality Dimensions (Accuracy, Completeness, Timeliness, Consistency) • Data Profiling & Data Cleansing Techniques • Root Cause Analysis for Quality Issues • Continuous Data Quality Improvement Programs
0930 – 0945	Break
0945 – 1100	Data Modeling & Design Importance of Data Modeling in Business Understanding • ER Modeling & Notation Standards • Normalization & Denormalization • Dimensional Modeling for BI & Analytics
1100 – 1215	Master & Reference Data Management (MDM/RDM) Definitions & Distinctions Between MDM & RDM • MDM Architecture Styles (Registry, Consolidation, Coexistence, Transaction) • Reference Data Domains & Governance • Challenges & Best Practices in MDM
1215 – 1230	Break
1230 – 1330	Data Lifecycle Management Stages of the Data Lifecycle (Creation to Disposal) • Data Retention & Archiving Policies • Data Destruction Compliance Requirements • Lifecycle Management Tools & Automation
1330 – 1420	Data Integration & Interoperability ETL versus ELT Processes • API-Based Data Integration • Data Virtualization Concepts • Interoperability Standards (HL7, XML, JSON)
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Two



Day 3

0730 – 0830	Data Security Management CIA Triad: Confidentiality, Integrity, Availability • Access Controls & Identity Management • Data Encryption (At Rest, in Transit) • Security Incident Response Procedures
0830 – 0930	Data Privacy & Compliance Global Privacy Laws (GDPR, CCPA, PDPA) • Privacy Impact Assessments • Data Anonymization & Pseudonymization • Managing Consent & Subject Rights
0930 – 0945	Break
0945 – 1100	Data Storage & Operations Database Types (Relational, NoSQL, Graph) • Storage Optimization & Tiering • Backup & Disaster Recovery Planning • Data Replication & Mirroring
1100 – 1215	Data Warehousing Concepts OLAP versus OLTP Systems • Data Warehouse Architectures (Inmon, Kimball, Data Vault) • Star versus Snowflake Schema Designs • Data Warehouse Automation Trends
1215 – 1230	Break
1230 – 1330	Business Intelligence (BI) Fundamentals BI Tools & Dashboarding Best Practices • KPI & Metric Definition • Data Visualization Principles • BI Maturity Models
1330 – 1420	Big Data & Data Lakes Big Data Characteristics (Volume, Velocity, Variety, Veracity) • Hadoop, Spark, & Distributed Processing • Data Lake Architecture & Governance • Managing Unstructured & Semi-Structured Data
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Three

Day 4

0730 – 0830	Data Ethics & Stewardship Principles of Ethical Data Use • Preventing Data Bias & Discrimination • Stakeholder Engagement in Ethical Governance • Ethical Challenges in AI & ML
0830 – 0930	Data Science & Analytics Integration Role of Data Management in Analytics Projects • Data Preparation for Modeling & AI • Feature Engineering & Data Pipelines • Governance in AI/ML Models
0930 – 0945	Break
0945 – 1045	Records & Content Management Electronic Document Management Systems (EDMS) • Classification & Indexing Methods • Legal & Compliance Retention Requirements • Information Retrieval Best Practices
1045 – 1145	Knowledge Management Capturing & Sharing Organizational Knowledge • Collaborative Platforms & Wikis • Linking Knowledge Management to Innovation • Knowledge Lifecycle & Governance



1145 – 1215	Emerging Trends in Data Management Data Fabric & Data Mesh Architectures • AI-Driven Data Governance Tools • Blockchain for Data Integrity • IoT Data Management Challenges
1215 – 1230	Break
1230 – 1420	CDMP Associate Exam Preparation – Part 1 Review of DMBOK2 Knowledge Areas • Key Concepts & Definitions Refresher • Sample Exam Question Analysis • Time Management Strategies for the Exam
1420 – 1430	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1430	Lunch & End of Day Four

Day 5

0730 – 0830	Data Management Program Implementation Roadmap for Enterprise Data Management Programs • Change Management for Data Initiatives • Resource Planning & Budgeting • Aligning Programs with Business Goals
0830 – 0930	Measuring Data Management Success Data Management KPIs & Metrics • Benchmarking Against Industry Standards • ROI Analysis for Data Initiatives • Reporting Results to Stakeholders
0930 – 0945	Break
0945 – 1045	Case Studies in Data Management Successful MDM Implementations • Data Governance in Regulated Industries • Data Quality Improvement Case Examples • Lessons from Failed Projects
1045 – 1230	CDMP Associate Exam Preparation – Part 2 Practice Questions by Knowledge Area • Identifying Weak Areas & Knowledge Gaps • Tips for Answering Scenario-Based Questions • Reviewing Incorrect Answers for Learning
1230 – 1245	Break
1245 – 1345	Career Development After CDMP Associate Moving From Associate to Practitioner & Master Levels • Specializations in Data Governance, Architecture, or Quality • Networking Through DAMA Chapters & Events • Continuous Professional Education Opportunities
1345 – 1400	Course Conclusion Using this Course Overview, the Instructor(s) will Brief Participants about the Course Topics that were Covered During the Course
1400 – 1415	POST-TEST
1415 – 1430	Presentation of Course Certificates
1430	Lunch & End of Course

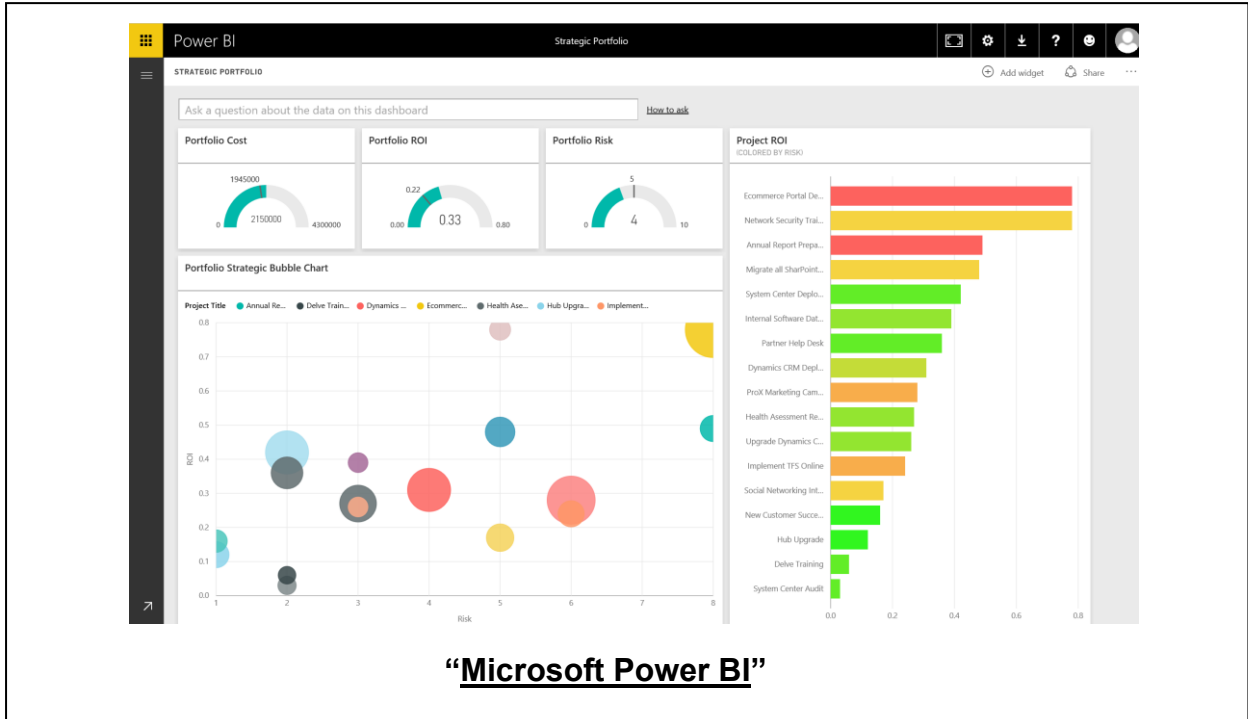
MOCK Exam

Upon the completion of the course, participants have to sit for a MOCK Examination similar to the exam of the Certification Body through Haward’s Portal. Each participant will be given a username and password to log in Haward’s Portal for the MOCK Exam during the 60 days following the course completion. Each participant has only one trial for the MOCK exam within this 60-day examination window. Hence, you have to prepare yourself very well before starting your MOCK exam as this exam is a simulation to the one of the Certification Body.



Simulator (Hands-on Practical Sessions)

Practical sessions will be organized during the course for delegates to practice the theory learnt. Delegates will be provided with an opportunity to carryout various exercises using our state-of-the-art simulator “Microsoft Power BI”.



Course Coordinator

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