CDMP Overview

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Data Management Disciplines (DMBoK 2)

- Data Management covers considerably more than Documents and Records management
- Data Governance is at the centre
- Data Management is a professional discipline which requires training & awareness
Environmental Elements

- Data Management does not exist in a vacuum
- Many environmental elements cross all of the disciplines

It’s NOT just about technology
Data, Information and Knowledge

Knowledge with judgement
Experiential

Definition
+ Format
+ Timeframe
+ Relevance

Representation of facts
Text, numbers, graphics, images etc

Data with context

Information in context
With perspective
Recognises and interprets patterns

+ Patterns and Trends
+ Relationships
+ Assumptions

KM is wholly dependent upon Information Management & not an isolated discipline.
CDMP – Career Path

https://dama.org/
CDMP@DAMA.org
Value of the CDMP?

Individual Benefits:

• Professional Development Milestones
• Continuous Professional Growth
• Internationally Recognized Measurement of Accomplishment
• Greater credibility and recognition in the marketplace
• May be a requirement in some areas
Value of the CDMP?

Organizational Benefits:

- A benchmark for assessing Data Management practices
- Increased trust in your Data Management team
- Employee development
- Demonstration of commitment to quality standards
- Raise awareness of the importance of Data Management disciplines to the organization
## CDMP Levels

<table>
<thead>
<tr>
<th></th>
<th>Associate</th>
<th>Practitioner</th>
<th>Master</th>
<th>Fellow</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DAMA Membership</strong></td>
<td>Central</td>
<td>Central</td>
<td>Central</td>
<td>Central</td>
</tr>
<tr>
<td><strong>Guideline</strong></td>
<td>6 months &gt; 5 years</td>
<td>2 years – 10 years</td>
<td>10 years minimum</td>
<td>Over 25 years</td>
</tr>
<tr>
<td><strong>Maximum</strong></td>
<td>N/A¹</td>
<td>N/A¹</td>
<td>N/A¹</td>
<td>N/A¹</td>
</tr>
<tr>
<td><strong>Exams</strong></td>
<td>1 DM Fundamentals</td>
<td>3 DM Fundamentals + 2 specialist</td>
<td>3 DM Fundamentals + 2 specialist</td>
<td>Globally recognised &amp; respected thought leadership</td>
</tr>
<tr>
<td><strong>Allowable substitutions</strong></td>
<td>No</td>
<td>1</td>
<td>1</td>
<td>Significant contribution to Data Management Profession</td>
</tr>
<tr>
<td><strong>Pass Mark</strong></td>
<td>60%</td>
<td>70%</td>
<td>80%</td>
<td>CDMP Master</td>
</tr>
<tr>
<td><strong>Route</strong></td>
<td>Register &amp; take exam</td>
<td>Register &amp; take exams</td>
<td>Register &amp; take exams. Evidence experience. Submit case study</td>
<td>Contribution to CDMP &amp; DMBOK</td>
</tr>
</tbody>
</table>

1. Individuals are welcome to remain at any level without pressure to go upward. You can decide what level you want to be and if you wish to proceed further.
2. Industry experience is a guideline for taking the certification. For Master, a minimum level of experience is required.
3. One allowable substitution certification (up to 30 September 2019) is permitted for an elective exam at either Practitioner or Master level.
# CDMP Exam Prices

<table>
<thead>
<tr>
<th>Item</th>
<th>Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>All CDMP exams (taken at conferences, training events, chapters etc.)</td>
<td>$300</td>
</tr>
<tr>
<td>Online proctoring fee</td>
<td>$11</td>
</tr>
<tr>
<td>Substitute examination administration</td>
<td>$100</td>
</tr>
<tr>
<td>CDMP Renewal</td>
<td>$100</td>
</tr>
<tr>
<td>Exam re-take</td>
<td>$200</td>
</tr>
</tbody>
</table>

Transfers of exams/ membership from one individual to another are not permitted

All exams are taken online only (classroom proctored or online proctor)

Online or chapter-led proctoring requires full payment up front

Online proctoring available from May 1\textsuperscript{st} 2019

Please watch out at various international DAMA-I endorsed conferences for exam proctoring and preparation workshops with Pay If You Pass offers.

https://dama.org/

CDMP@DAMA.org
<table>
<thead>
<tr>
<th>Stem</th>
<th>Key (Answer)</th>
<th>Distractor 1</th>
<th>Distractor 2</th>
<th>Distractor 3</th>
<th>Distractor 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant Equipment (e.g. a tractor) is an example of</td>
<td>Master Data</td>
<td>Reference Data</td>
<td>Transaction Data</td>
<td>Inverted Data</td>
<td>Growing data</td>
</tr>
<tr>
<td>Reference Data</td>
<td>Usually has fewer attributes than Master Data</td>
<td>Is also known as External data</td>
<td>Usually has more attributes than Master Data</td>
<td>Is more difficult to Govern than Master Data</td>
<td>Is free</td>
</tr>
<tr>
<td>According to the DMBoK, the system that contains the “best version” of the Master Data is the</td>
<td>System of record</td>
<td>Golden record</td>
<td>Source system</td>
<td>Consuming system</td>
<td>Spoke</td>
</tr>
</tbody>
</table>

**DMBoK Reference**

| 1.3.1 | Data about Plant equipment is likely to be used in multiple contexts, such as works control, financial management and operations scheduling. | Plant equipment exists as a real object, Reference Data classifies and categorises real world objects. | Reference data is generated by a third party or changes very slowly. The plant register will need to be actively maintained. | This is looking at the problem the wrong way. | Plants, growing,..... Get it? |
| 1.3 | Reference data (for example the list of customer types) usually has less attributes that master data (for example customer). See Reference and Master Data 1.3.1. | While much of reference data may be externally sourced and maintained outside the organisation, reference data within the organisation (for example internal customer types) is not external (see Reference and Master Data 1.3.2). | Reference data (for example the list of customer types) usually has less attributes that master data (for example customer). See Reference and Master Data 1.3.1. | Reference data is usually easier to govern as it is slow changing and often externally defined (see Reference and Master Data 2.2.5). | "Nothing in life is free." Reference data may not change very often, but its impact is often enterprise wide (even beyond the enterprise to external stakeholders). Changes may not happen often, but they can be very expensive (see Reference and Master Data 2.2.1). |
| 1.2 | This is the definition (see Reference and Master Data 1.2). | The Golden record is a name for the single record of truth, which may be found in the system of record (see Reference and Master Data 1.3.3.2). | The source system is not necessary the master data system for the enterprise (see Reference and Master Data 1.3.3.2). | The consuming system is not the master data system for the enterprise (see Reference and Master Data 1.3.3.1). | This is the name for a System of Reference, where master data exists, but it is not mastered there (Sysetm of record). See Reference and Master Data 1.3.3.1). |
CDMP Portal

Certified Data Management Professionals

All organisations need certainty that the people who are managing this important strategic asset are qualified.

Why Data Management Certification?

Professional certification is an indication of knowledge, skills and experience in a field. DAMA International has constructed the Certified Data Management Professional (CDMP) designation. The certification program gives data management professionals the opportunity to show professional growth that can enhance their personal and career goals.

Professionals participate in continuing education to stay current with best practices and to further develop specialised
Exam Platform
Exam Platform

Data Management Fundamentals Exam

Welcome to the CDMP Data Fundamentals Exam. Here you can visit the study area, test your knowledge with the sample exam, take the main exam or find more information on how the exam fits into the Certified Data Management Professional (CDMP) Certification Program.

More Information on CDMP

Study Area

Sample Exam

Main Exam
Question 3

Which of these are NOT true of Data Governance??

- DG is a continuous process of data improvement
- A DG initiative should always be led by the IT department
- IT is a key stakeholder in DG
- There are different organization models for DG
- DG is the exercise of authority and control over the management of data assets

Question 4

What are the primary responsibilities of a data steward?

- Identifying data problems & issues
- The manager responsible for writing policies and standards that define the data management program for an organization.
- Analyzing data quality
- A business role appointed to take responsibility for the quality and use of their organization's data assets.
- The data analyst who is the subject matter expert (SME) on a set of reference data.
Exam Platform

- Flag a question to come back to
- **But always** give an answer NOW
Multimedia Questions:

**Question 1**

Which modelling notation is this data model using?

- UML Class Diagram
- IDEF1X
- Barker
- Information Engineering
- Chen
# Module breakdown: DM Fundamentals

<table>
<thead>
<tr>
<th>Module</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>Data Management Process</td>
<td>2%</td>
</tr>
<tr>
<td>Big Data</td>
<td>2%</td>
</tr>
<tr>
<td>Data Architecture</td>
<td>6%</td>
</tr>
<tr>
<td>Document &amp; Content Management</td>
<td>6%</td>
</tr>
<tr>
<td>Data Ethics</td>
<td>2%</td>
</tr>
<tr>
<td>Data Governance</td>
<td>11%</td>
</tr>
<tr>
<td>Data Integration &amp; Interoperability</td>
<td>6%</td>
</tr>
<tr>
<td>Master &amp; Reference Data Management</td>
<td>10%</td>
</tr>
<tr>
<td>Data Modelling &amp; Design</td>
<td>11%</td>
</tr>
<tr>
<td>Data Quality</td>
<td>11%</td>
</tr>
<tr>
<td>Data Security</td>
<td>6%</td>
</tr>
<tr>
<td>Data Storage &amp; Operations</td>
<td>6%</td>
</tr>
<tr>
<td>Data Warehousing &amp; Business Intelligence</td>
<td>10%</td>
</tr>
<tr>
<td>Metadata Management</td>
<td>11%</td>
</tr>
</tbody>
</table>
Module breakdown: Data Quality

<table>
<thead>
<tr>
<th></th>
<th>DQ Activities</th>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>DQ Business case</td>
<td>12%</td>
</tr>
<tr>
<td>3</td>
<td>DQ Dimensions</td>
<td>11%</td>
</tr>
<tr>
<td>4</td>
<td>DQ Fit for purpose</td>
<td>12%</td>
</tr>
<tr>
<td>5</td>
<td>DQ Introduction</td>
<td>10%</td>
</tr>
<tr>
<td>6</td>
<td>DQ management</td>
<td>11%</td>
</tr>
<tr>
<td>7</td>
<td>DQ Operations</td>
<td>11%</td>
</tr>
<tr>
<td>8</td>
<td>DQ Statistical approaches</td>
<td>11%</td>
</tr>
<tr>
<td>9</td>
<td>DQ Tools &amp; Templates</td>
<td>11%</td>
</tr>
</tbody>
</table>
## CDMP Statistics

<table>
<thead>
<tr>
<th>Course</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trial</td>
<td></td>
</tr>
<tr>
<td>EDW19 &amp; DMZ Australia</td>
<td></td>
</tr>
<tr>
<td>Full go-live</td>
<td></td>
</tr>
<tr>
<td>Online Proctoring</td>
<td></td>
</tr>
<tr>
<td>February 2019</td>
<td></td>
</tr>
<tr>
<td>March 2019</td>
<td></td>
</tr>
<tr>
<td>1-April April 2019</td>
<td></td>
</tr>
<tr>
<td>1-May 2019</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course</th>
<th>Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Management Fundamentals</td>
<td>267</td>
</tr>
<tr>
<td>Online Proctoring (HonorLock)</td>
<td>15</td>
</tr>
<tr>
<td>Data Governance</td>
<td>28</td>
</tr>
<tr>
<td>Data Modelling</td>
<td>11</td>
</tr>
<tr>
<td>Data Quality</td>
<td>20</td>
</tr>
<tr>
<td>Metadata Management</td>
<td>7</td>
</tr>
</tbody>
</table>
CDMP Renewal

3 years of DAMA-I membership is included with the first CDMP examination fee ($300 for any exam).
CDMP Certificates are valid for 3 years before CDMP renewal is required.
From year 4 forward, $50 will be charged to renew certification and $50 retain membership in DAMA Central.

CDMP renewal is based upon:

• Evidence of Continuous Professional Development (CPD). This is evidenced via submitted experience log-books that are:
  a) GDPR compliant and
  b) checked by CDMP administration

• Payment of the renewal fee

https://dama.org/
CDMP@DAMA.org
CDMP Associate

• 1 exam – Data Management Fundamentals
• Based upon DMBok2
• Associate pass mark 60%
• Immediate award of Associate for passing DM Fundamentals with 60%+ pass
• DM Fundamentals Question pool with difficulty ranking on questions
  60% Associate, 20% Practitioner, 20% Master
CDMP Practitioner

3 exams

• Data Management Fundamentals (70% required to pass)
• Specialist exams (70% required to pass)

Specialist Exams (each)

* 100 questions
* 90 minutes (+20 mins where English is 2nd Language)
* 70% to pass

Specialist Exams (4 from March 2019, next 2 June 2019)

• Data Governance 03/2019
• Data Modelling 03/2019
• Data Quality 03/2019
• Metadata 03/2019
• Data Integration 06/2019
• DW / BI 06/2019
• Master & Reference Data 09/2019
CDMP Master

3 exams

- Minimum 10 years Data Management experience
  (Evidence of experience reviewed by CDMP Fellows)
- Data Management Fundamentals (80% required to pass)
- 2 Specialist exams (80% required to pass)

Specialist Exams (each)
- 100 questions
- 90 minutes (+20 mins where English is 2\textsuperscript{nd} Language)
- 80% to pass

Specialist Exams (4 from March 2019, next 2 June 2019)
- Data Governance 03/2019
- Data Modelling 03/2019
- Data Quality 03/2019
- Metadata 03/2019
- Data Integration 06/2019
- DW / BI 06/2019
- Master & Reference Data 09/2019
CDMP Allowable substitutions

1. TOGAF
2. Zachman
3. Prince2
4. PMP
5. TDWI- CBIP / CBAP
6. ISC2 - CISSP
7. BCS / ACS - DMSG
   (Data Management Specialist Group)
8. MSc Information Management
9. MBA / Informatics
10. IRMS – CDGP / CIP
11. AIIM – CIP
12. ICCP – CDP
13. ISACA - CISA, CRISC, CISM

A maximum of 1 substitute certification is permitted for 1 specialist examination module evidenced by certificates / pass levels & payment of admin fee.

The networking, hardware, & desktop certifications & the vendor-specific certifications are not applicable here (CNA, Oracle, MCE, etc.)

Allowable Substitutions allowed until Sept 30, 2019.

13 allowable substitution certifications are permitted until Sept. 30th, 2019. From 30th September NO substitutions are accepted in DMBoK2 Knowledge Areas where CDMP specialist exams are developed. Allowable substitutions are ONLY allowed in DMBoK2 Knowledge Areas / Environmental Factors where no specialist exams are present. Future substitutions will be determined by the substitutions working group by June 1st 2019. Where substitutions ARE permitted (from 30th March onwards), an administration fee of $100 is payable.
CDMP Badges

• Exam platform awards badges for passing CDMP certifications.
• You can put these badges on your CV, LinkedIn, Twitter, Facebook or even Pinterest.
• Badges are not just an image.
• Badges carry metadata that can be verified.
• EG, you can send your badge to a prospective employer who can verify that your CDMP certification is authentic and valid.
CDMP Badges

- Badges are part the global movement called the “OpenBadges” specification.
- Started in 2010 by Mozilla, it has expanded to include millions of Open Badges awarded to hundreds of thousands of recipients & supported by certification players such as The Open Group, PMI, Microsoft and IBM.
- Part of the open badges specification & community are public verification authorities that you can use to independently verify your badges are authentic as required.
- In addition to CDMP badges, accumulate badges for certifications including TOGAF, Prince II, MCSE, PMP & PMI.
2019 Goals (BoD March 2019)

- Post EDW release CDMP to global community
  Target 1st May 2019
- Deliver the remaining CDMP specialist examinations by Q2/Q3
  1. DW/BI
  2. Data Integration & Interoperability
  3. Master & Reference Data

- Relaunch bootcamps
- Establish relationships with Academia (several Universities warmed up)
- Release online and chapter training
- Streamline renewals

- Release specialist exams for the missing DMBok 2 Knowledge Areas – eg Master & Reference Data
- Convene regular questions refresh process
- Add multimedia questions
- Translate to other language(s)

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Contact

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