

# Data Management Fundamentals: DMBoK2 and CDMP

## DMBoK2 and Certified Data Management Professional (CDMP) Workshop

- This 3-day course addresses all the Information Management disciplines as defined in the DAMA DMBoK v2.0
- Taught by Mathias Vercauteren: CDMP®-certified, Global Project Manager of the DAMA-DMBoK® 3.0.
- Explore an Information Management framework and understand how it aligns with other architecture frameworks
- Lifecycle management, normalisation, dimensional modelling and data virtualisation
- Master Data Management architectures and how best to implement MDM approaches
- Major considerations for successful Data Governance and how it can be introduced in bite-sized pieces
- Best practices and practical examples on information architecture planning
- CDMP Data Management Fundamentals examination & certification optional



Three-day workshop by  
Mathias Vercauteren

**AdeptEvents**

### SPEAKER

Mathias Vercauteren

### LANGUAGE

English or Dutch

### VENUE

Utrecht

### DATE

Several times yearly;  
exact dates on our website

### TIME

9:00 – 17:00 hours

### REGISTRATION

[www.adeptevents.nl](http://www.adeptevents.nl)



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The DAMA DMBok2 describes 11 disciplines of Data Management, with Data Governance being at the heart of all of these. As the critical importance of Data Management is further realized, organizations and information professionals are seeking to equip their employees with an internationally recognized professional qualification. The Certified Data Management Professional (CDMP) qualification provides a pathway for the introductory level (Associate) through higher levels of attainment. Central to all of these is the Data Management Fundamentals (DMF) examination which this course prepares students for.

Data management only works when the whole organization speaks the same language. The DAMA-DMBoK® is that language. Over three days we'll take you through all 17

chapters of the DAMA-DMBoK® 2.0 (revised edition), the reference guide that ties data governance, data quality, data modeling, metadata, master data and the rest into one picture.

You'll learn what each knowledge area covers, how they fit together, where they break down in practice, and how you can get started with them. You get the full picture the exam (and your job) asks for, chapter by chapter.

The course prepares you for the CDMP® exam (Data Management Fundamentals), the entry level of the Certified Data Management Professional®. The CDMP® proves to the market that you know the whole field, from governance to architecture. We close with practice questions, a study plan, and the route to the specialist exams.

This training is delivered by Mathias Vercauteren. CDMP®-certified, working for DAMA International® as Global Project Manager of the DAMA-DMBoK® 3.0, with 15+ years building governance and data management programs inside international organizations.

### Learning Objectives

#### Understanding

- Explain why each of the 17 knowledge areas exists and what problem it solves
- Place the DAMA-DMBoK® next to other architecture and governance frameworks
- Work confidently with the core concepts the exam keeps testing: lifecycle management, normalization, dimensional modeling, data virtualization, and the rest.

#### Application

- Choose an MDM architecture that fits a situation and explain why
- Set up a workable data quality framework and know which dimensions you measure
- Introduce data governance step by step, based on what works in practice
- And much more.





### Exam

- Know the syllabus for the CDMP professional certification and the weight of each section
- Practice exam-style questions for every knowledge area
- Leave with a study plan and a clear view of which specialist exams come next
- Optionally, after finishing the course, take the online CDMP Data Management Fundamentals examination..

### Who is it for?

Practitioners who seek to gain an overview of the different disciplines of Information Management and those seeking Professional recognition and Industry recognised certification for Information Management. The course is especially tailored for data professionals who want to see the whole field and prove what they know with a recognized certificate.

That includes: BI and data warehouse developers and architects, data modelers, data and enterprise architects, data analysts, solution, application and information architects, business analysts, database administrators, project and programme managers, IT consultants, data governance managers, data quality managers and information quality practitioners. Or anyone with a serious interest in data.

Prior knowledge of the DAMA-DMBoK® or CDMP® is not required.

### Optional: CDMP Sample Examination & Online Exam

Delegates wishing to take the 90-minute (+20 minutes where English is a second language) CDMP Data Management Fundamentals online exam, upon payment of the exam fee, will have access to a sample exam to practice on. It is advised to take the online exam within two weeks after the course. You can tick the Exam-checkbox on our registration form. More info on buying the exam on our Registration Fee page on our website.



## MATHIAS VERCAUTEREN

Mathias Vercauteren is a global leader in data and AI governance, known for transforming complex challenges into practical, lasting solutions. With over a decade of experience across industries, he has developed and refined the Data Governance Sprint™, a proven methodology he has been applying for more than five years to rapidly design and embed governance frameworks that work in practice. His forthcoming book on the Sprint, set to be published at the end of this year, captures his unique approach to making governance actionable, scalable, and embraced across organizations.

As Project Manager of the DAMA-DMBOK® 3.0, Mathias leads one of the world's most significant initiatives in data management. Coordinating hundreds of contributors across the globe, he is at the center of shaping the next generation of standards that define how organizations govern their data. This work positions him as a global voice in bridging business, technology, and academia around governance. In his role as President and Principal of *Data and AI Governance Partners*, Mathias partners with C-level leaders and executive teams to implement governance strategies that drive performance, compliance, and trust in data. He is also helping organizations prepare for the future through AI governance, ensuring that innovation is matched with ethics, accountability, and value creation.

Alongside his industry leadership, Mathias is pursuing an Executive PhD in Data Governance at Antwerp Management School, conducting research that connects theory to practice. He is also laying the foundation for an international research institute for data governance, bringing together academia, industry, and global experts to advance the field.

A sought-after keynote speaker at conferences such as DAIA, DGIQ, and EDW, Mathias is recognized for his ability to make governance engaging, practical, and transformative. Whether through his Sprint methodology, his global standards leadership, or his academic research, his mission is clear: to help organizations unlock the power of data as a true strategic asset.

## Course description



**Three days, from orientation to exam-ready. Each chapter centers on what you can do afterwards.**

### Orientation

- How the three days run and what the CDMP® exam actually asks of you.
- Which DMBok sections the exam tests and how much each one weighs.
- The CDMP® levels (Associate, Practitioner, Master) and how you progress through them.

### 1. Data Management

- We start with the basics: why you steer data as seriously as money or people, and what goes wrong the moment nobody feels like the owner.
- You get the DMBok from a bird's eye view: the eleven knowledge areas, how they lock together, and why data governance sits in the middle.
- And you learn to place the model next to TOGAF, COBIT and the architecture frameworks you probably already know, so you know what belongs where.

### 2. Data Handling Ethics

- We look at the moments a data project goes off the rails ethically, often with nobody meaning any harm, and how to see that line coming.
- You learn to spot bias in your data and your samples, because that's exactly where bad decisions start.
- And we talk about making ethics practical: who decides, which questions you ask, and how to embed it without a thick policy document.

### 3. Data Governance

- This is the heart of the training. You learn to set up governance with roles that actually do something: owners who decide, stewards who carry the work, and a council that settles the hard calls.
- We talk about how to start, with a first step that sticks instead and enables you to further scale it.
- And you see how to keep governance measurable and alive, even once the attention fades after launch.

### 4. Data Architecture

- You learn to read data architecture as part of the bigger picture, right where process and data meet.
- We follow the full life of data, from the moment it's created to the moment you retire it properly, and why each stage calls for its own choices.
- And you learn the difference between the data lifecycle and the systems development lifecycle, a distinction that blurs in practice all the time.

### 5. Data Modeling & Design

- You learn to tell the model types apart, from conceptual to logical, physical and dimensional, and what each level gives you.
- We work through the trade-off every modeler knows: when do you normalize, and when is denormalizing the smarter move?
- And you see why modeling is more than database design; it's one of the places governance and quality become concrete.

### 6. Data Storage & Operations

- You get a clear view of what it takes to keep production data running reliably: the roles, the agreements, the day-to-day.
- We look at availability, performance and recovery, and at the choices between storage and database technologies.
- And you learn to recognize the classic causes of poor performance, so you stay ahead of them instead of firefighting later.

### 7. Data Security

- You learn to classify data and limit access to those who truly need it, with least privilege as the starting point.
- We cover threats, defenses and what happens when it goes wrong, including the fallout of a breach.
- And you see how security and privacy connect to regulation like GDPR and BCBS 239, without it turning into a tick-box exercise.

### 8. Data Integration & Interoperability

- You learn the difference between integration and interoperability, and why that distinction genuinely matters in practice.
- We walk through the integration styles, from ETL and CDC to hub-and-spoke, SOA and data virtualization, and when each one fits.
- And you learn to make the call per use case, so you don't default to the style you happen to already know.

### 9. Document & Content Management

- You learn why records management is more than archiving: there are legal and retention duties attached that you have to take seriously.
- We follow the life of a record, from creation to disposal, with audit and control along the way.
- And you see how unstructured content, the documents and emails your organization runs on, ties back to metadata and governance.

## Course description



### 10. Reference & Master Data

- You learn the difference between reference data and master data, and why the two get mixed up so often.
- We cover the four MDM architectures and how to choose the right one, because the wrong call here costs you dearly later.
- And you see how to roll out MDM in steps, aligned to what the business needs, with attention to the reference data everyone forgets.

### 11. Data Warehousing & Business Intelligence

- You learn to tell the two big schools of thought apart, Inmon and Kimball, and when each approach fits.
- We dig into dimensional modeling: facts, dimensions and star schemas, the building blocks under almost every report.
- And you get an overview of the kinds of BI, analytics and visualization, so you know what to use when.

### 12. Metadata Management

- You learn to see metadata as the basis for trust in data: without good metadata, nobody knows what a number really means.
- We cover the types of metadata, business, technical and operational, and how to surface their sources.
- And you see how a business glossary works in practice, and why it often decides whether data gets used at all.

### 13. Data Quality

- You learn to measure the dimensions of data quality, from completeness and accuracy to consistency and timeliness.
- We set up a data quality framework that keeps running, with policy, metrics and the right people involved.
- And you learn to dig for the real cause with the 5-why's, so you stop endlessly fighting symptoms.

### 14. Big Data & Data Science

- You learn what big data and data science add, and how a data lake and streaming fit within the wider data management picture.
- We walk through the analytical process, from raw data to a working model, with the quality and governance questions that come with it.
- And we stay level-headed: you learn to judge what the technology really delivers and where the promises are overblown.

### 15. Data Management Maturity Assessment

- You learn how to run an honest baseline: where your organization actually stands, apart from what people hope.

- We cover the well-known maturity models, such as CMMI DMM, and how they're built.
- And you learn to move from an assessment to an improvement roadmap that steers governance, instead of a report that ends up in a drawer.

### 16. Data Management Organization & Role Expectations

- You learn which roles a data management organization needs and what you can expect from each of them.
- We cover how to assign responsibilities and let the roles grow with the maturity of your organization.
- And you see how business, IT and governance work together without it turning into a turf war.

### 17. Data Management & Organizational Change Management

- You learn why most data management initiatives stall on behavior and buy-in, far more often than on technology.
- We talk about handling resistance, lining up sponsorship and bringing the right people along.
- And you learn to embed new behavior, so governance still stands once the launch is over

### Closing: ready for the exam

- Practice questions and a mock exam (quiz) per knowledge area, so you know where you stand.
- A study plan for the weeks between the course and your exam.
- What comes after Fundamentals: the specialist exams toward Practitioner and Master.



## Information

### DATE AND TIME

The workshop will take place several times a year with the exact date and time available on our website. The programme starts at 9:00 am and ends at 5:00 pm on all three days. Registration commences at 8.30 am and we recommend that you arrive early.

### VENUE

Adept Events works with several venues in and near Amersfoort and Utrecht. We strive to provide you with the location details as soon as possible. The exact venue will be on our website and in the confirmation e-mail that you will receive one week prior to the event. Always check our website prior to your departure to ensure you have the exact location and directions.

### HOW TO REGISTER

Please register online at [www.adeptevents.nl](http://www.adeptevents.nl). For registering by print, please scan the completed registration form and send this or your Purchase Order to [customerservice@adeptevents.nl](mailto:customerservice@adeptevents.nl). We will confirm your registration and invoice your company by e-mail therefore please do not omit your e-mail address when registering.

In completing your registration form you declare that you agree with our **Terms and Conditions**.

### REGISTRATION FEE & DISCOUNTS

Please find the registration fee and Early Bird discount terms as well as the optional CDMP-exam **on this page** on our website. Discounts are also available for group bookings of two or more delegates representing the same organization made at the same time. Ten percent off for the second and third delegate and fifteen percent off for all delegates when registering four or more delegates (all delegates must be listed on the same invoice).

This cannot be used in conjunction with other discounts. The *Data Management Fundamentals CDMP examination* can be purchased together with this workshop and will then be added to the invoice for the course.

All prices are VAT excluded.

### PAYMENT

Full payment is due prior to the workshop. An invoice will be sent to you containing our full bank details including BIC and IBAN. Your payment should always include the invoice number as well as the name of your company and the attendee's name. **Payment by credit card is also available.** Please mention this in the Comment-field upon registration and find further instructions for credit card payment on our **customer service page**.

### Cancellation Policy

Cancellations must be received in writing at least three weeks before the commencement of the workshop and will be subject to a € 75,- administration fee. It is regretted that cancellations received within three weeks of the workshop date will be liable for the full workshop fee. Substitutions can be made at any time and at no extra charge.

### Cancellation Liability

In the unlikely event of cancellation of the workshop for any reason, Adept Events' liability is limited to the return of the registration fee only. Adept Events will not reimburse delegates for any travel or hotel cancellation fees or penalties. It may be necessary, for reasons beyond the control of Adept Events, to change the content, timings, speakers, date and venue of the workshop.

### MORE INFORMATION



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Would you like to run this course in-company for a group of persons? We can provide a quote for running an in-house course, if you offer the following details. Estimated number of delegates, location (town, country), number of days required (if different from the public course) and the preferred date/period (month). Please find more info on the **In-house page on our website**.

