

Advanced Data Modeling (EN)

Group Training

Training code	CGADAMOACE
Spoken Language	English
Language Materials	English
Dayparts	4
Price	€1.600,00 excl. VAT No extra costs.

What is Advanced Data Modeling

You regularly read data models and you have also made an ERD yourself or maybe even drawn up a model from scratch. The core is clear to you and you now ask yourself, is there no more? In this case, this training is suitable for you. The organization you work for benefits from the overview of what you can create for the required data and how you can use this overview during system implementation.

After this training you will have knowledge of:

- Drawing up a conceptual model, clear definitions and the importance of purpose limitation.
- Drawing up a logical model in all its different manifestations
- Drawing up a technical data model with attention to performance and manageability towards implementation towards databases and/or interfaces
- You have multiple methods and techniques (3NF, OO, Dimensional, Anchor modeling and more)
- You learn that time is a difficult concept in reality and how you deal with this in the models
- You learn about Model Management and what else is needed after drawing up your model
- How software can support you in this process and the bottom-up approach can complement the goal limitation approach

Who should attend Advanced Data Modeling

The Advanced Data Modeling training is suitable for:

- People who want to go more in-depth after following the 'Data Modelling Introduction' training.
- Starting Data Modellers or people who have to model data in their role, for example in role like:
- Data Engineer
- Business Analyst
- Functional Designer
- Report builder
- Software Engineer



Prerequisites

Beginning modeling skills and general knowledge of data modeling. The 'Introduction Data Modelling' course addresses these topics and is ideally suited to follow as a pre-requisite course.

During this training you need a laptop with access to internet.

Objectives

After this training you will be able to:

- Create a conceptual, logical and technical data model
- You know what it takes to manage the models
- You can apply the right methods and techniques at the right time
- Communicate with all involved about the more complex challenges e.g. related to the different time aspects of data
- Indicate which supporting software can support your modeling work

If a third-party copyright applies to this course, you will find the copyright on <https://academy.capgemini.nl/en/topic/trademarks/>

Capgemini Academy's general terms and conditions are applied to all products and services mentioned within this document. For the latest version please check <https://academy.capgemini.com/>. The rates of products and services mentioned in this document are subject to change. For the most recent rates, please also visit our website.

About Capgemini Academy

Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

Capgemini Academy. We transform IT professionals
academy.capgemini.nl

IN/3A-018.18