

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

The 'Advanced Data Modeling' training is designed for those who are already familiar with data models and have experience in creating Entity-Relationship Diagrams (ERDs). If you're looking to expand your knowledge and skills in this area, this training is for you. The training will provide you with a comprehensive understanding of how to create a conceptual model, a logical model in its various forms, and a technical data model with a focus on performance and manageability. You'll learn about different methods and techniques such as 3NF, OO, Dimensional and more. The training also covers the concept of capturing multiple timelines in data modeling and how to manage your models effectively. You'll also learn how software can support your modeling work and how to integrate the creation of the various data models in the development lifecycle.

Who should attend Advanced Data Modeling

- Data Analysts: Enhance your skills in creating more complex data models.
- Database Administrators: Learn advanced techniques for improving database performance and manageability.
- Data Architects: Gain deeper insights into conceptual and logical modeling.
- Business Analysts: Understand how data modeling can provide a clearer picture of business requirements.
- IT Consultants: Learn how to communicate effectively about complex data-related challenges.

Prerequisites

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

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



Objectives

At the end of the training you will be able to:

- Create a conceptual, logical and technical data model.
- Understand what it takes to manage the models.
- Apply the right methods and techniques at the right time.
- Communicate with all involved stakeholders 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