

## Advanced Data Modeling (EN)

### Group Training

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| Training code      | CGADAMOACE                             |
| Spoken Language    | English                                |
| Language Materials | English                                |
| Dayparts           | 4                                      |
| Price              | €1.600,00<br>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.

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## 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.

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