

# Hands-on data modeling for business and IT



This 1-day hands-on course is designed to help you understand and use the main concepts and techniques of managing a company's data for purposes of reporting and analysis. Each section includes an abundance of practical exercises.

## Target Audience

Anyone who works with data in databases or with data extracts for analysis purposes. There are no specific technical knowledge prerequisites.

## Content

Link between business and data: how structure and processes of your business reflect on data modeling

Levels, types and contexts of data modeling

Overview of data modeling notation and concepts

Meaning and usage of logical and physical data modeling

Data normalisation: pros and cons, techniques

Dimensional modeling: what it is and when to use it

Modeling for analytics: what to look for and how to optimise it

Data historisation: concepts and best practices

Good database design

Reference data

## Practical Details

1 full-day session or 2 half-day sessions

Available in English or German

The course is held at Quantum's facilities in Zürich

Each participant will use his/her own laptop (please indicate if this is not possible)

## Price

CHF 990.– per person excl. VAT, for a minimum of 2 and maximum of 5 participants (More people? Please enquire at [training@qbis.ch](mailto:training@qbis.ch))

## Date

On request

## Register at

[training@qbis.ch](mailto:training@qbis.ch)

## About Quantum

Quantum is a data science and analytics company, located in the center of Zurich. We help clients to identify their most valuable customers, products, or services; determine potential risks; discover hidden potential in their markets; pinpoint and eliminate bottlenecks and inefficiencies; and provide other insights to steer their business. We do this by combining business experience and knowledge with the application, implementation and teaching of scientific methods of data analysis, data management, reporting and modern visualisation to turn data into information.

To learn more about how modern data science can help you and your business, visit our website at [www.qbis.ch](http://www.qbis.ch) or contact us at [info@qbis.ch](mailto:info@qbis.ch).