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)

Date
On request

Register at
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 or contact us at info@qbis.ch.