Data Warehouse concepts and design
for data analysts, data scientists and IT specialists

This 1-day hands-on course is designed to provide attendees with a complete overview of the concepts and the design methodologies of a Data Warehouse. Each section includes an abundance of real-life examples and of practical exercises.

Target Audience
Anyone who works with data in a Data Warehouse or with data from different data sources, and wishes to understand advantages and costs of having a Data Warehouse. There are no specific technical knowledge prerequisites.

Content
- Data Warehouse history and background
- Reference Architecture
- Data Warehouse key users: Data Provider / Data Consumer
- On-Line Analytical Processing (OLAP) concepts
- Data Warehouse analytical tasks
- Business Intelligence maturity
- Landing and Staging Area
- The Datawarehouse Core
- Concept of data historisation
- Data Marts
- Extract, Transform, Load: concept and tools
- Data Quality and Data Governance
- Metadata and its role in a Data Warehouse; Data Warehouse administration

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.