

Information and Data Architecture («IDA»)

In the age of microservices and legacy applications, data is even more important as the unifying element. This course shows where data is stored, modified and read, who owns it and how information can be created from it.

Duration: 1 day

Price: 950.–

Course documents: Digital courseware

Content

The interaction between different IT systems and services is only made possible by data. This data is omnipresent, either because it is often stored redundantly in a wide variety of systems or because it is exchanged via countless interfaces. Maintaining visibility and control is essential for the sustainable operation of IT and is also a prerequisite for turning data into useful information for the business.

- Introduction: Data, information and knowledge
- Databases and data warehouses
- Data quality and its importance
- Identification of information needs
- Information analysis and data structures
- Data models (ERD and UML)
- Data partitioning and ownership
- Current trends (analytics, big data, AI, etc.)

Key Learnings

- Creating simple information and data models
- Evaluating information and data models
- Using information and data models as a basis for application partitioning

Methodology & didactics

Theoretical concepts and techniques, demonstrations and practical group exercises based on an ongoing case study.

Target audience

This course is aimed at people who need to acquire basic knowledge of information and data modelling and/or use it as a basis for application partitioning.

Further courses

- [Standard SQL-3 \(«SQL»\)](#)
- [Introduction to MySQL \(«MYD»\)](#)
- [Data access with .NET 8 \(«EFCORE»\)](#)

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-

