

IoT, Microservices and Machine Learning – Modern Architecture- Relevant Methods and Technologies («MODTEC»)

Internet of Things, Microservices and Machine Learning are three fascinating digital technologies. How do we combine them and how do we solve interoperability with business applications? This course provides the answers.

Duration: 1 day

Price: 1'700.–

Course documents: Digital course materials

Content

- Internet of Things and Internet of Everything – Overview
- Provision of sensors by the «Thing» in the Internet of Things
- Server virtualization, cloud and infrastructure as code
- Industrial cloud – digital twin, function-as-a-service (serverless)
- Cloud-native, containers, Kubernetes and microservices Overview
- Data acquisition and pre-processing using edge computing
- Machine learning and artificial intelligence – Overview
- Data processing using machine learning and artificial intelligence
- Connection of specialist applications and completion

Key Learnings

- Assessing the benefits and potential of the Internet of Things, Microservices and Machine Learning
- Assessing the added value through the combination of the three technologies
- Assessing the influence on existing business applications

Methodology & didactics

The seminar consists of a mix of theory and practical examples.

Target audience

This course is targeted at IT, Business and Software Architects, Software Developers, Application Operations Managers, and CIOs. Also addressed are people who want to expand their wealth of experience with three fascinating technologies.

Further courses

- [Docker and Kubernetes – Overview and Use \(«DUK»\)](#)

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-software-engineering/it-architecture/enterprise-software-architecture/course-iot-microservices-and-machine-learning-modern-architecture-relevant-methods-and-technologies

