

Digital Transformation

Course content

IT strategy

- The old-fashioned way
- The traditional way
- The modern way

Digital Transformation

- What is digital transformation
- Digital transformation frameworks
- Potential benefits
- Where are we standing

Technology Trends

- Technology trends
- High-level strategy
- Research and Development

Blockchain

- What is blockchain
- How it works
- Example of application
- When to consider blockchain
- Types of blockchain
- Benefits and drawbacks

Big Data

- What is Big Data
- What is Data Science and Data Analytics
- Data Science lifecycle
- Possible applications
- Benefits and drawbacks

Artificial Intelligence

- What is Artificial Intelligence (AI)
- History of AI
- AI Technologies
- Benefits and drawbacks

Cloud Computing

- Cloud computing guidelines
- Characteristics of cloud computing
- Service models
- Deployment models
- Strategy
- Financial considerations
- Legal and compliance
- Security
- Business Continuity
- Migration strategy

Internet of Things (IoT)

- What is the Internet of Things (IoT)
- Glossary
- Standards / protocols / communication
- Categories
- Challenges
- Ecosystem
- Strategy
- Cost considerations
- Risk
- Security