

Digital Transformation: AI, Cloud & IoT

Learn to lead digital transformation by applying IT strategy, blockchain, big data, AI, cloud computing and IoT.

1 Day

8 HOURS

8

MODULES

45

TOPICS

COURSE OVERVIEW

The Digital Transformation course is a comprehensive program designed to equip learners with the knowledge and skills necessary to navigate and lead the digital evolution of business. The course offers a deep dive into various strategic and technological domains that are crucial for driving modern IT strategies and facilitating transformation efforts within organizations. Starting with Module 1, learners will understand the evolution of IT strategy, from old-fashioned to traditional, and ultimately the modern approaches that align with today's digital demands. Module 2 focuses on what digital transformation is, exploring different frameworks, potential benefits, and assessing current standings in the transformation journey. As the course progresses through Module 3 to Module 8, it covers key technology trends, the ins and outs of blockchain, big data, artificial intelligence (AI), cloud computing, and the Internet of Things (IoT). Each module breaks down the complexities of these technologies, their applications, and strategic considerations, including financial, legal, security, and risk management aspects. By the end of the course, learners will have a holistic understanding of digital transformation, enabling them to implement and manage technology-driven changes effectively. This course is ideal for professionals looking to enhance their strategic IT and digital skills to meet the challenges of the digital age.

Who Should Attend

Koenig Solutions' Digital Transformation course equips professionals to navigate and implement cutting-edge IT strategies and innovations.

CIOs and IT Managers

Digital Transformation Consultants

Business Strategists and Development Managers

IT Professionals seeking to advance in digital strategy roles

Project Managers and Team Leaders involved in IT projects

Entrepreneurs looking to leverage digital technologies

Data Analysts and Scientists

AI and Machine Learning Engineers

Cloud Solutions Architects

Security Analysts and Compliance Officers

IoT Developers and Technical Program Managers

R&D Managers

Blockchain Developers and Strategists

Professionals in charge of Business Continuity and Disaster Recovery

Legal Advisors specializing in IT and cybersecurity

Financial Planners and Analysts focusing on IT investments

LEARNING OBJECTIVES

- Explain the evolution of IT strategy from traditional to modern
- Describe digital transformation frameworks and potential benefits
- Identify key technology trends shaping research and development
- Assess blockchain types, applications, benefits and drawbacks
- Analyse the Data Science lifecycle and Big Data applications
- Compare AI technologies and their historical development
- Evaluate cloud computing service, deployment and migration strategies
- Plan IoT strategy addressing cost, risk and security

8 Modules, 45 Topics

01

IT Strategy

TOPICS

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

02

Digital Transformation

TOPICS

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

03

Technology Trends

TOPICS

Technology trends · High-level strategy · Research and Development

04

Blockchain

TOPICS

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

05

Big Data

TOPICS

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

06

Artificial Intelligence

TOPICS

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

07

Cloud Computing

TOPICS

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

08

Internet of Things (IoT)

TOPICS

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

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

Visit koenig-solutions.com

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