



London TDM

# Information Technology and Digital Transformation Training Courses

**Course Venue:** United Arab Emirates - Dubai

**Course Date:** From 19 October 2025 To 23 October 2025

**Course Place:** Downtown Dubai

**Course Fees:** 5,000 USD

## Introduction

Artificial Intelligence (AI) is revolutionizing industries by enabling digital transformation at a rapid pace. This course provides a comprehensive understanding of how AI technologies can be leveraged to enhance business models, improve efficiency, and drive growth. Participants will explore the fundamental concepts of AI, its applications in various sectors, and strategies to effectively integrate AI into business processes.

- Understand the key concepts and technologies behind AI.
- Identify the role of AI in digital transformation strategies.
- Analyze the impact of AI on different industries.
- Gain insights into AI applications and tools for business enhancement.
- Develop plans for implementing AI-driven digital transformation initiatives.

## Course Outlines

### Day 1: Introduction to Artificial Intelligence

- Overview of AI: Definition and History
- Key AI Technologies: Machine Learning, Deep Learning, NLP
- AI vs Human Intelligence: Capabilities and Limitations
- Current Trends and Innovations in AI
- Case Studies: Successful AI Implementations

### Day 2: AI and Digital Transformation

- Understanding Digital Transformation: Concepts and Scope
- Role of AI in Digital Transformation
- AI-Driven Change: Opportunities and Challenges
- Digital Transformation Frameworks and Strategies
- Case Studies: AI as a Catalyst for Digital Change

### Day 3: AI Applications in Various Industries

- AI in Healthcare: Predictive Analysis and Diagnostics
- AI in Finance: Fraud Detection and Risk Management
- AI in Retail: Personalization and Supply Chain Optimization
- AI in Manufacturing: Automation and Quality Control
- Case Studies: Cross-Industry AI Solutions

### Day 4: Tools and Techniques for AI Deployment

- Introduction to AI Tools and Platforms
- Building AI Models: Processes and Methodologies
- Data Management in AI: Collection, Cleaning, and Storage
- Evaluation and Monitoring of AI Systems
- Hands-on Session: AI Model Building

### Day 5: Implementing AI-Driven Digital Transformation

- Developing AI Strategy and Roadmap
- Organization Readiness for AI Adoption
- Change Management in AI Implementation
- Ethical and Legal Considerations in AI
- Workshop: Crafting an AI Implementation Project Plan