



Information Technology

## DevOps and Automation for Managers

## Course Introduction

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This **5-day** DevOps and Automation course is tailored for Managers, focusing on understanding DevOps principles, strategies for implementing automation, and how managers can oversee and optimize DevOps initiatives within their organizations. The course is more strategic, emphasizing tools, processes, cultural shifts, and the role of leadership in driving DevOps success, rather than deep technical implementation 4.

## Target Audience

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1. DevOps Manager
2. IT Operations Manager
3. Cloud Manager
4. Software Development Manager
5. Infrastructure Manager
6. Release Manager
7. IT Director
8. Engineering Manager
9. Site Reliability Engineer (SRE)
10. Agile Coach
11. Digital Transformation Manager
12. Technical Project Manager
13. Chief Technology Officer (CTO)

## Learning Objectives

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- Provide a high-level understanding of DevOps, its principles, and how it adds value to business operations 4.

- Introduce managers to the major tools in the DevOps pipeline, without focusing on deep technical configurations 5.
- Equip managers with strategies to drive the adoption of DevOps within their teams and organization 6.
- Introduce managers to automation strategies and how they can guide the process in their teams 7.
- Teach managers how to measure DevOps success and continuously improve processes within the organization 8.

## Course Outline

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- **Day 01**

- Introduction to DevOps and its Business Value**

- Definition and evolution of DevOps 4
    - The DevOps culture and its impact on organizational structure
    - Key DevOps principles and their alignment with business goals 5
    - DevOps metrics and KPIs for managers to monitor

- **Day 02**

- Understanding the DevOps Toolchain for Managers**

- Overview of major DevOps tools and their business benefits 5
    - Introduction to CI/CD and its role in accelerating software delivery
    - Infrastructure as Code (IaC) concepts and their operational advantages
    - Importance of monitoring and logging in DevOps practices

- **Day 03**

- Leading DevOps Transformation & Organizational Culture**

- Strategies for driving DevOps adoption within teams 6
    - Building a DevOps culture: fostering collaboration and breaking silos
    - The role of leadership in successful DevOps implementation
    - Aligning DevOps with governance and compliance requirements

- **Day 04**

Automation Strategies for Managers

- Benefits of automation in DevOps and its impact on efficiency 7
  - Overview of automating software delivery processes
  - Introduction to Infrastructure and Configuration Management automation
  - Strategies for scaling automation across the organization
- Day 05

Measuring Success and Continuous Improvement in DevOps

- Key metrics for evaluating DevOps success (DORA metrics) 8
- Implementing continuous improvement in DevOps processes
- Aligning DevOps outcomes with customer satisfaction and business KPIs
- Strategies for scaling DevOps across the organization

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
April 21, 2025	April 25, 2025	5 days	4250.00 \$	UAE - Abu Dhabi
Aug. 18, 2025	Aug. 22, 2025	5 days	4250.00 \$	UAE - Dubai
Nov. 16, 2025	Nov. 20, 2025	5 days	4250.00 \$	KSA - Riyadh
Dec. 7, 2025	Dec. 11, 2025	5 days	2150.00 \$	Virtual - Online