

# SMART SUPERVISION: HARNESSING AI FOR OPERATIONAL EFFICIENCY

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|-------------|------------------------------|--------------|------------|
| Start Date: | 29/09/2025                   | End Date:    | 03/10/2025 |
| Categories: | Artificial Intelligence & Er | Venues:      | Manama     |
| Formats:    | In Person                    | Instructors: |            |

## OVERVIEW

This hands-on course equips supervisors and frontline managers with AI-powered tools and techniques to optimize daily operations. It focuses on how AI can improve scheduling, task tracking, decision-making, maintenance forecasting, and workflow automation in operational settings.

## OBJECTIVES

By the end of this course, participants will be able to:

- Understand the role of AI in enhancing day-to-day supervisory tasks.
- Apply AI tools to monitor performance, allocate resources, and manage workloads.
- Use predictive analytics to anticipate maintenance, delays, and operational risks.
- Automate routine decisions and optimize scheduling with AI.
- Lead teams effectively by integrating AI insights into operational planning.

## COURSE OUTLINE

1- AI Basics for Operational Leaders 2- Using AI for Monitoring, Scheduling & Task Management 3- Predictive Analytics for Maintenance and Risk Prevention 4- Workflow Optimization & Automation Tools 5- Supervisory Action Planning: AI in Daily Decision-Making

## TARGET AUDIENCE

Operational supervisors, team leaders, floor managers, and shift coordinators seeking to increase productivity, minimize downtime, and modernize team operations with AI.

## METHODOLOGY

Scenario-based labs, tool walkthroughs, group planning sessions, and role-play simulations using real-life operational data.

## CONCLUSION

Participants will gain practical skills in deploying AI tools within their supervisory responsibilities to improve consistency, efficiency, and proactive management.

## DAILY AGENDA

### Day 1: AI Essentials for Supervisors

Get introduced to AI tools tailored for operational control, monitoring, and execution.

### Day 2: Smart Task & Schedule Management

Use AI to streamline workflows, manage priorities, and assign tasks more effectively.

### Day 3: Maintenance & Risk Forecasting

Implement predictive analytics to reduce equipment failure and improve safety planning.

### Day 4: Automation for Daily Efficiency

Explore simple AI-driven automations that save time and eliminate repetitive work.

### Day 5: Action Plan for Smart Supervision

Create a tailored plan for integrating AI into your supervisory routine and tracking its impact.

*For more information, please contact us:*

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