MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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AUTOMATION IN THE HEALTHCARE INDUSTRY

"Streamline Healthcare Delivery with Smart Automation for Safer, Faster, and More Efficient Care."

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

► **Available delivery methods:** In-House Training

Introduction

This comprehensive course explores the transformative role of automation in the healthcare industry—from administrative workflows to clinical procedures. Participants will gain hands-on insights into technologies like Robotic Process Automation (RPA), intelligent scheduling, automated diagnostics, and workflow integration, all aimed at enhancing patient outcomes, reducing costs, and minimizing human error.

Objectives

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

- Understand automation technologies relevant to healthcare settings
- Identify opportunities for automation in clinical and back-office operations
- Implement RPA for medical billing, claims, and records
- Integrate automation with EHR systems and hospital information systems
- Address challenges related to change management, compliance, and cybersecurity

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Why Attend

This course equips healthcare professionals and administrators with the knowledge to lead automation initiatives that drive efficiency, accuracy, and service quality. From reducing patient wait times to accelerating claims processing, automation delivers measurable impact.

Target Audience

- Hospital and Clinic Administrators
- Healthcare IT Managers and Technologists
- Health Informatics Professionals
- Medical Office Managers
- Digital Transformation Teams in Healthcare

Individual Benefits

- Gain in-demand skills in healthcare automation strategy and tools
- Learn to reduce burnout through process streamlining
- Enhance your leadership profile in digital transformation
- Earn a professional certificate applicable across healthcare systems

Organizational Benefits

- Improve workflow efficiency and accuracy
- Minimize medical and administrative errors
- Reduce operational costs and turnaround times
- Elevate patient satisfaction and care delivery standards

Instructional Methodology

- Real-world healthcare automation case studies
- Interactive demos with automation software
- Group activities focused on process mapping
- Strategy workshops and guided implementation labs

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Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

Training Hours: 7:30 AM – 3:30 PM

Daily Format: 3–4 Learning Modules | Coffee Breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Introduction to Healthcare Automation

Module 1: Overview of Automation in Healthcare (07:30 – 09:30)

Module 2: Types of Automation: RPA, AI, IoT, Workflow Engines (09:45 – 11:15)

Module 3: Key Use Cases in Hospitals and Clinics (11:30 – 01:00)

Module 4: Case Study: Intelligent Bed Allocation System (02:00 – 03:30)

Day 2: Automating Administrative & Financial Processes

Module 1: RPA for Claims Processing and Billing (07:30 – 09:30)

Module 2: Appointment Scheduling and Patient Communication Bots (09:45 – 11:15)

Module 3: Digitizing Medical Records and Workflow Routing (11:30 – 01:00)

Module 4: Lab: Designing an RPA Workflow for Patient Registration (02:00 – 03:30)

Day 3: Clinical Automation & Workflow Integration

Module 1: AI-assisted Diagnostics and Decision Support (07:30 – 09:30)

Module 2: Automation in Lab Testing and Imaging (09:45 – 11:15)

Module 3: Integration with EHR and HIS Systems (11:30 – 01:00)

Module 4: Simulation: Automating a Lab Result Notification Workflow (02:00 – 03:30)

Day 4: Security, Compliance & Risk Management

Module 1: Data Privacy, HIPAA, and Regulatory Compliance (07:30 – 09:30)

Module 2: Cybersecurity in Automated Healthcare Systems (09:45 – 11:15)

Module 3: Error Handling, Alerts & Failsafe Design (11:30 – 01:00)

Module 4: Workshop: Evaluating Automation Risks (02:00 – 03:30)

Day 5: Strategy, Change Management & Implementation

Module 1: Planning and Prioritizing Automation Projects (07:30 – 09:30)

Module 2: Change Management and Stakeholder Engagement (09:45 – 11:15)

Module 3: Measuring ROI and Performance Metrics (11:30 – 01:00)

Module 4: Final Presentations & Certification Wrap-Up (02:00 – 03:30)

Certification

Participants will be awarded a **Certificate in Automation in the Healthcare Industry** upon successful completion of all modules, participation in workshops, and final assessment. This course supports readiness for leading smart automation efforts across healthcare enterprises.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

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In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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