

# AI IN RUBBER MANUFACTURING



Strategic application of AI and Computer Vision to boost quality, efficiency and cost-effectiveness in rubber manufacturing.

7 August 2026 | 8.30am - 5.00pm

📍 Royal Chulan Damansara

## Overview

As global manufacturing faces increased operational pressure, the ability to leverage intelligent systems for efficiency, traceability and cost reduction has become a competitive advantage.

This executive-level masterclass introduces AI and Computer Vision strategies tailored to the rubber industry. Through real case studies and simulations, participants will explore how AI improves production visibility, defect detection and predictive insights. The session empowers decision-makers to craft an AI adoption roadmap with measurable ROI.

## Target Audience

- » C-Level Executives
- » General Managers
- » Heads of Operation
- » Quality, Planning & Technology

## Programme Outcomes

- + **Understand** the types and applications of AI relevant to the rubber industry
- + **Identify** high-impact use cases across production, inspection and logistics
- + **Evaluate** the strategic ROI of AI adoption
- + **Develop** an actionable 12-month roadmap for AI implementation
- + **Discover** how to link data, people and machines for predictive insights

## Course Fee

RM 1,750.00/per pax includes 8% sst

## For More Info, Please Contact

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## Why AI – and Why Now?

Industry pressures & digital transformation needs.



**AI Types:** Predictive, Generative, Computer Vision.

**Case studies:** Cost Savings & Efficiency from AI adoption

## Computer Vision for Rubber Inspection

What Is CV & How It Works



**Use Cases:** Defects, Safety, Packaging.

**Dashboard Demo & Integration**

## Predictive Insights for Rubber Operations

Making Use Of Existing Factory Data.



**Forecasting Demand, Predicting Issues.**

**Combining Machine, Sensor And Human Input Data**

## AI Roadmap & Strategic Outlook

AI Trends 2025-2030



**Autonomous QA, ERP/MES Integration**

**Strategic Roadmap (30/90/189 Days)**

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