

ENTERPRISE AI AUTOMATION & COPILOT STUDIO MASTERCLASS

Build Intelligent Workflows, AI Assistants & Autonomous Business Systems

Course Duration

5 Days | 8 Hours Per Day | Corporate Hands-On Program

Day 1 – Enterprise AI Automation Foundations

Module 1: Introduction to Enterprise AI Automation

- Understanding Enterprise AI
- Hyperautomation Concepts
- Digital Transformation with AI
- AI-Driven Business Operations
- Enterprise Automation Maturity Model
- Responsible AI Overview

Module 2: Microsoft AI & Power Platform Ecosystem

- Microsoft Power Platform Overview
- Introduction to Copilot Studio

- Introduction to Power Automate
- AI Builder Overview
- Microsoft 365 Copilot
- Azure AI Services Overview
- Dataverse Fundamentals

Hands-On Labs

- AI-Powered Email Automation
- Intelligent Task Extraction Workflow
- Meeting Automation Scenarios
- Business Workflow Automation

Day 2 – Copilot Studio & AI Agents

Module 3: Designing AI Agents

- What are AI Agents?
- Conversational AI Fundamentals
- Designing Intelligent Assistants
- Intent Recognition
- Context Management
- Knowledge Source Integration
- Generative AI Responses

Module 4: Advanced AI Agent Workflows

- AI Workflow Orchestration
- Multi-Step AI Processes
- Human-in-the-Loop Systems
- AI Agent Analytics
- External System Integrations

- Enterprise Use Cases

Hands-On Labs

- Customer Support AI Assistant
- HR Onboarding AI Agent
- FAQ and Policy Assistant
- Teams Integrated AI Assistant

Day 3 – Intelligent Process Automation

Module 5: AI-Powered Process Automation

- Intelligent Document Processing
- OCR and Data Extraction
- Invoice Automation
- Approval Workflows
- AI-Based Email Classification
- Automated Notifications

Module 6: AI Builder & Power Automate

- AI Builder Models
- Form Processing Models
- Prediction Models
- Sentiment Analysis
- Workflow Automation Strategies
- Business Process Optimization

Hands-On Labs

- Invoice Processing Workflow
- AI Expense Approval System
- Resume Screening Automation
- Escalation Workflow Automation

Day 4 – Azure AI & Enterprise Integrations

Module 7: Azure AI Services

- Azure OpenAI Fundamentals
- Cognitive Services Overview
- Language AI
- Speech AI
- Vision AI
- AI APIs and Services

Module 8: Enterprise AI Integration Patterns

- API Integrations
- SharePoint Integration
- Microsoft Teams Integration
- Dataverse Integration
- Secure AI Architecture
- AI Governance and Compliance

Hands-On Labs

- Azure OpenAI Workflow Integration
- AI Summarization Service
- AI Knowledge Search Assistant

- AI Meeting Assistant

Day 5 – Autonomous Enterprise Systems

Module 9: Building Autonomous Workflows

- Autonomous AI Systems
- Event-Driven Automation
- AI Orchestration Strategies
- Workflow Monitoring
- AI Lifecycle Management
- Enterprise Automation Best Practices

Executive Insight Session

From Employees Using AI to AI Performing Work Independently

Module 10: Enterprise AI Transformation Strategy

- AI Adoption Framework
- Change Management
- AI Governance Framework
- Measuring Productivity & ROI
- Responsible AI Practices
- Enterprise AI Roadmap

Capstone Project

- Build an Enterprise AI Automation Solution
- Create Intelligent Workflows

- Integrate AI Services
- Implement Governance and Security
- Present Business ROI Strategy

Hands-On Labs

- End-to-End Enterprise AI Solution
- Autonomous Workflow Implementation
- Intelligent Reporting Dashboard
- Final Enterprise Deployment Simulation

Prerequisites

- Basic understanding of Microsoft 365
- Familiarity with workflows and automation
- Basic cloud concepts
- No advanced coding required

Target Audience

- IT Professionals
- Digital Transformation Teams
- Business Analysts
- Automation Consultants
- Power Platform Users
- Enterprise Architects
- Operations Teams
- Corporate Innovation Teams

Key Learning Outcomes

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

- Build AI-powered enterprise assistants
- Create intelligent automation workflows
- Design AI agents using Copilot Studio
- Integrate Azure AI Services with workflows
- Automate enterprise business operations
- Implement AI governance and security
- Develop autonomous AI solutions
- Measure AI productivity and ROI