MORINGA
Future-Ready Tech Skilling



AI Agents and Workflow Automation

Part-Time Online classes

Introduction

Learn to build AI agents and automate workflows using n8n without writing code. You'll connect business tools, streamline repetitive tasks, and create AI-powered workflows that improve productivity and decision-making. Ideal for professionals looking to leverage AI and automation to drive efficiency across teams and business processes.

Why Study AI Engineering?

At Moringa, we believe in making learning innovative, transformative, and accessible.

1. **Future-proof your career:**
   AI and workflow automation are becoming must-have skills across industries.

2. **Boost efficiency:**
   Learn how to automate repetitive tasks so you can focus on higher-value work.

3. **Hands-on projects:**
   Build real-world workflows from AI-powered content creation to human-in-the-loop approval systems.

4. **No-code friendly:**
   Accessible to non-developers while still offering depth for tech enthusiasts.

5. **Practical outcomes:**
   Walk away with a portfolio-ready project showcasing your AI + automation skills.

6. **Stay ahead of the curve:**
   Explore the future of AI agents and discover opportunities for continuous growth.

Why Study At Moringa?

Moringa is one of the most successful tech boot camps in Africa. Join us and get top-tier learning & student experience.

- Practical hands-on learning
- Access to industry-relevant labs & projects
- Graduates earn a certificate upon completion of the course
- Dedicated Technical mentor support
- Access to industry networks through tech events, networking forums and the alumni community

Who is this course for?

- High School and university graduates who are beginners in tech, curious about no-code tools and AI applications.
- Professionals & entrepreneurs looking to automate repetitive tasks and save time.
- Marketers & content creators who want to leverage AI for copywriting, campaign workflows, and reporting.
- Operations & admin teams aiming to reduce manual errors and streamline processes
- Anyone curious about AI and automation who wants to build practical, job-ready skills without deep coding knowledge.

What are the course prerequisites?

Basic computer literacy (comfortable navigating apps, Google Workspace, or similar tools).

Curious to experiment with automation and AI.

A stable internet connection and a laptop.

No coding background required

Course Details

Part-Time Online Classes

Course Duration - 10 weeks

Mode of learning - 100% Online Classes | Mondays & Wednesdays 6pm - 8:30pm E.A.T

Tuition Fees - Ksh 55,000

Full-Time Online Classes

Course Duration - 3 weeks

Mode of learning - 100% Online Classes | Mon - Fri 8 am - 5 pm E.A.T

Tuition Fees - Ksh 40,000

Fee Payment Options Available

Upfront Full Fee Payment

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www.moringaschool.com

Course Outline

Orientation & Onboarding

- Course Overview
- System configurations and installations
- Onboarding

Introduction to n8n & Core Concepts

Session 1:
What is n8n? Understanding low-code automation and its benefits. Navigating the n8n interface. Comparison with other automation tools

Session 2:
First Workflow: Triggers (Webhook, Schedule) and basic nodes (Core nodes, transformation nodes, triggers). Understanding data flow

Building Simple Automations

Session 1:
Connecting Apps: Introduction to credentials and integrating with common services (e.g., Google Sheets, Slack).

Session 2:
Data Manipulation Basics: Filtering and branching workflows based on simple conditions.

Introduction to AI Agents in n8n

Session 1:
How n8n agents fit into the AI landscape. Understanding agent nodes. Prompting, Using ChatGPT with n8n

Session 2:
Building Your First AI Agent: Simple text generation or classification using AI nodes.

Course Outline

Practical AI Agent Applications

Session 1:
Automating Content Creation: Using AI agents for drafting emails, social media posts, or summaries.

Session 2:
AI for Data Processing: Categorizing or extracting information from text using AI agents.

Enhancing Workflows with Approvals and Human in the Loop

Session 1:
User Input: Using forms or manual triggers to initiate workflows.

Session 2:
Simple Approval Flows: Integrating human review steps into automated processes.

Working with Spreadsheets & Databases (No-Code)

Session 1:
Google Sheets Integration: Reading and writing data to Google Sheets.

Session 2:
Basic Database Interactions: Using n8n nodes to interact with simple databases (e.g., Airtable, Google Sheets as DB).

Error Handling & Monitoring (Non-Technical)

Session 1:
Understanding Workflow Errors: Identifying common issues and basic troubleshooting.

Session 2:
Notifications & Alerts: Setting up alerts for workflow failures (e.g., Slack, Email).

Course Outline

Advanced AI Agent Design (Non-Technical)

Session 1:
Multi-Step AI Agents: Chaining simple AI tasks together.

Session 2:
Agent Personalization: Providing context to AI agents for more relevant outputs.

Project Week & Best Practices

Session 1:
Guided Project: Building a complete AI-powered automation for a common business task.

Session 2:
Workflow Organization & Maintenance: Naming conventions, documentation, and basic version control.

Scaling & Future of Automation

Session 1:
Sharing & Collaboration: Exporting/importing workflows, team features (overview).

Session 2:
Future of AI Automation: Discussing trends and identifying further learning opportunities. Final Q&A.

Contact Details

General Inquiries:
+254 711 082 146

Corporate Inquiries:
+254 738 368 319

Admissions Inquiries:
020 7643 533

WhatsApp Inquiries:
+254 712 293 878

General Inquiries
contact@moringaschool.com

Corporate Inquiries:
corporate@moringaschool.com

Admissions Inquiries:
admissions@moringaschool.com

Ngong Lane, Ngong Lane Plaza, 1st Floor, Nairobi Kenya
Victoria Plaza, 5th Floor, Westlands, Nairobi Kenya

Facebook | LinkedIn | Twitter | YouTube
@moringaschool

www.moringaschool.com

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