



n8n Automation Course Details

◆ Course Overview

This course teaches you how to automate tasks, connect apps, and build workflows using n8n, a powerful open-source automation tool.

You will learn how to create automation without coding, integrate APIs, and build real business automation systems.

▣ What You Will Learn

1. Introduction to Automation

- What is automation?
 - No-code vs low-code tools
 - Overview of n8n
 - Self-hosted vs cloud version
 - Use cases (business, marketing, IT)
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2. Getting Started with n8n

- Creating an n8n account
 - Understanding nodes, triggers & workflows
 - Editor UI walkthrough
 - Running first automation
 - Workflow execution logs
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3. Core n8n Concepts

- Triggers (Schedule, Webhook, Cron, Email, etc.)
- Action nodes
- Data transformation



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- Using expressions
 - Binary data handling
 - Error handling & retries
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4. Working With APIs

- What is an API?
 - OAuth2 & API keys
 - Making API requests in n8n
 - Using the HTTP Request node
 - Connecting third-party services
 - Google Sheets
 - Notion
 - WhatsApp
 - Telegram
 - Slack
 - Stripe
 - OpenAI
 - CRMs & databases
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5. Integrations

- Email automation
- Google Workspace automation
- Social media automation
- File management (Drive, Dropbox, S3)



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- CRM automation (HubSpot, Zoho, etc.)
 - Database integrations (MySQL, Postgres, MongoDB)
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6. Advanced Workflow Building

- Looping & conditional logic
 - IF, Switch, Merge, Split nodes
 - Variables & expressions
 - Data mapping
 - Using Webhooks
 - Handling big data
 - Multi-step automation
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7. Deploying & Self-Hosting n8n

- Installing n8n on Windows/Linux
 - Docker installation
 - Running n8n on VPS
 - Using n8n with SSL (HTTPS)
 - Creating backup & maintenance
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8. Automation Best Practices

- Workflow naming and organization
- Error alerts & monitoring
- Optimization techniques
- Secure handling of sensitive data



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Projects You Will Build

Beginner

- Auto-email sender
- Google Sheet data updater
- Auto file uploader

Intermediate

- WhatsApp message automation
- Lead management system
- API data fetch & store workflow

Advanced

- Full CRM automation
- Payment + email + sheet workflow
- AI chatbot automation using OpenAI
- Complete business automation system



Course Duration

- 2 to 4 weeks (depending on practice)



Who Can Join

- Beginners
- Digital marketers
- Entrepreneurs
- Developers



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- Automation enthusiasts
- Businesses wanting to automate tasks

Tools Covered

- n8n Cloud & Desktop
- Docker
- REST APIs
- Google Workspace
- Postman (API testing)