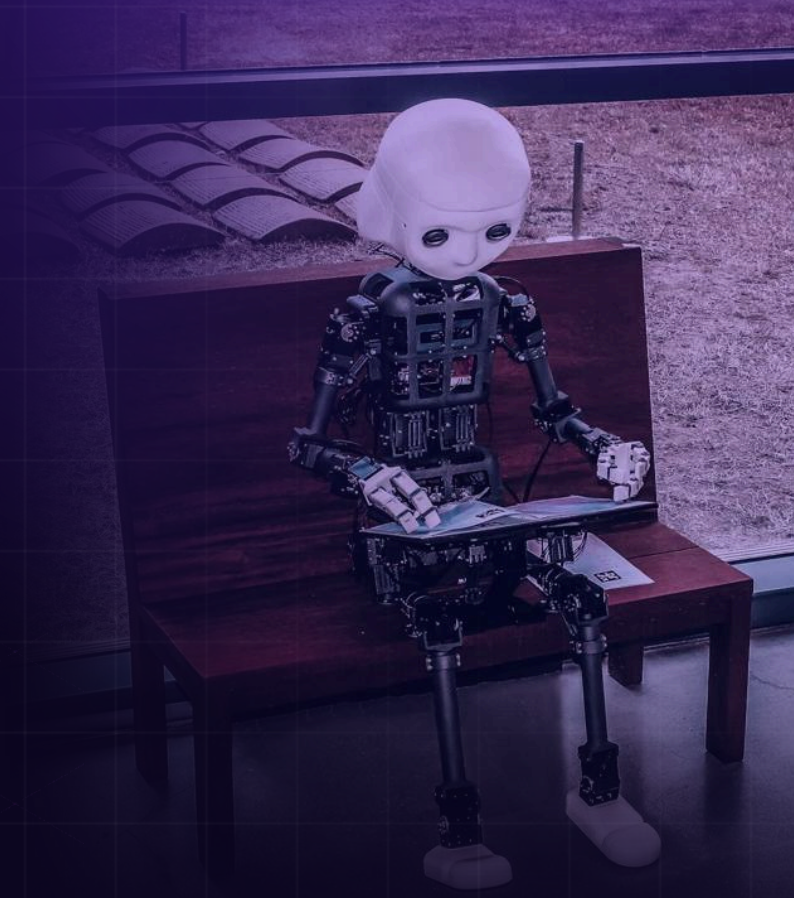
samcommunity.in

✦ ARTIFICIAL INTELLIGENCE · INTERMEDIATE

AI Automation with n8n / Make / Zapier

Automate the busywork with AI.





32	7	SAM-AIAUTO
HOURS	MODULES	CERTIFICATION

✦ INSIDE THIS BROCHURE

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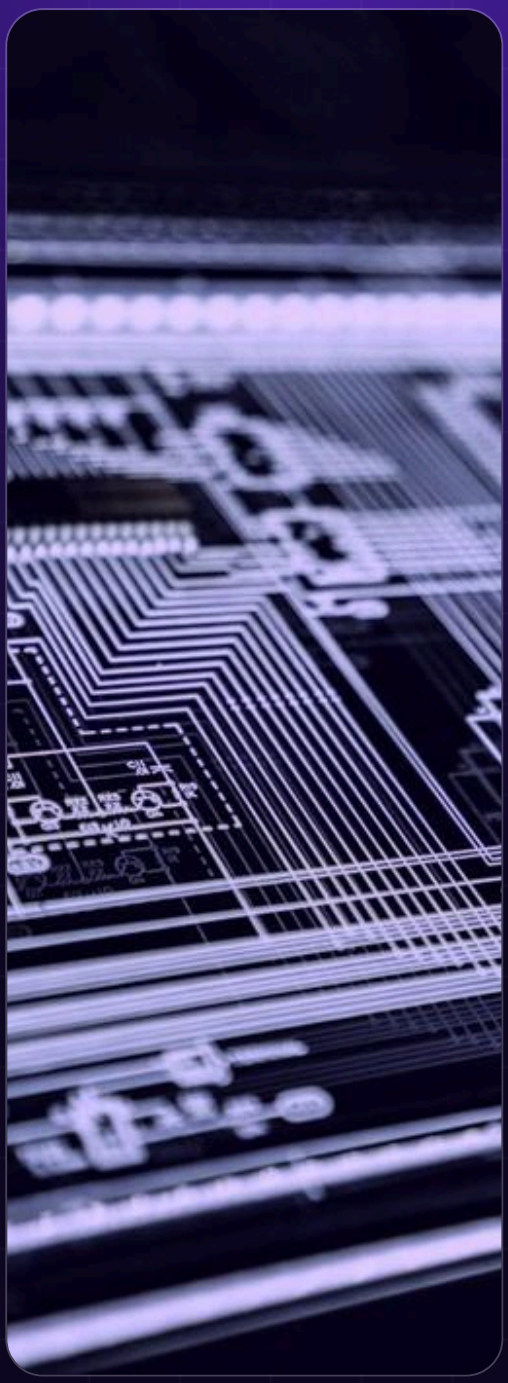
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AT A GLANCE

Level	Intermediate
Duration	32 Hours
Modules	7
Certificate	SAM-AIAUTO

✦ PROGRAM OVERVIEW

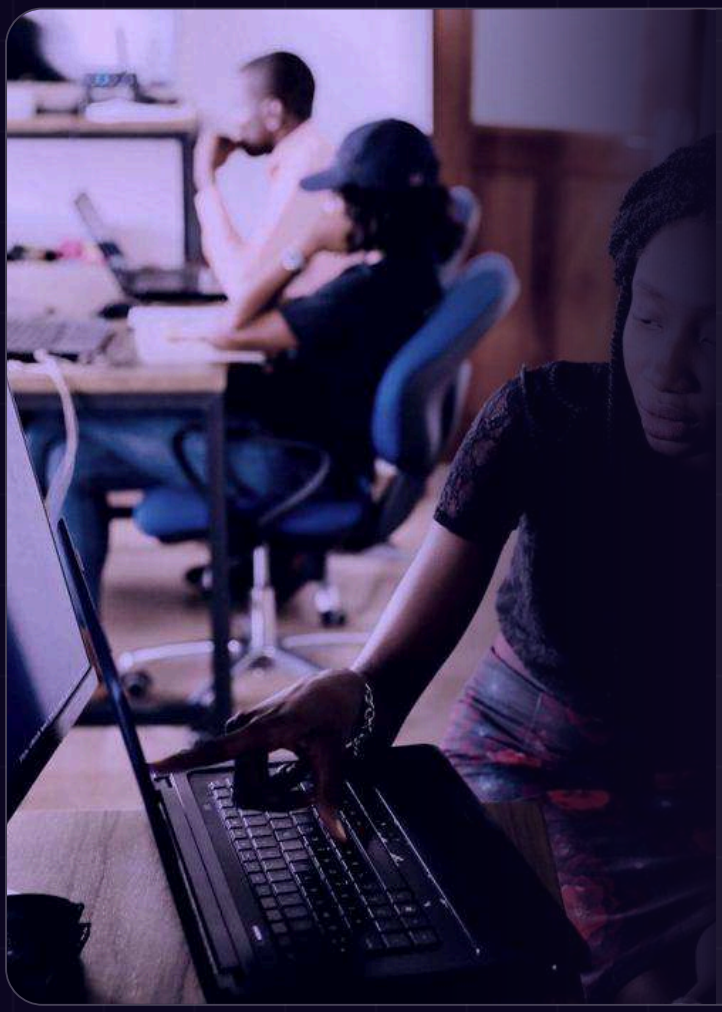
Automate the busywork with AI.



Build no-code and low-code AI automations that connect apps, data and AI models.

Teams spend hours on repetitive tasks such as copying data between apps, sorting emails, updating sheets and sending follow-ups. Workflow automation platforms combined with AI models can handle much of this reliably. This program teaches how to design, build and maintain AI-enhanced automations with n8n, Make and Zapier, connecting everyday apps, APIs and language models without heavy coding.

LEVEL	DURATION	CERTIFICATION	DELIVERY
Intermediate	32 Hours	SAM-AIAUTO	Instructor-led · Live virtual · Blended



✦ WHAT YOU'LL PRACTISE

Design automation workflows	01
Connect apps, APIs and AI models	02
Add AI steps to business processes	03
Monitor and maintain automations	04

✦ WHO IT'S FOR

Built for people ready to grow.

01

Every professional

AI Fundamentals, ChatGPT, Copilot, Gemini, Claude

02

Developers & data teams

ML, deep learning, NLP, computer vision, MLOps

03

AI engineers

LLM fine-tuning, RAG, vector DBs, AI agents

04

Leaders & public sector

AI for C-suite, government and governance

PREREQUISITES

Comfort with common web apps and spreadsheets	01
Basic logic thinking; no coding required	02
Familiarity with JSON or APIs is helpful	03

ROLES YOU CAN TARGET

- Automation Specialist ↗
- AI Workflow Developer ↗
- Operations or RevOps Analyst ↗
- No-Code / Low-Code Developer ↗
- Marketing Automation Executive ↗

✦ LEARNING OUTCOMES

What you'll be able to do.

01 Map business processes and identify automation opportunities

02 Build multi-step workflows in n8n, Make and Zapier

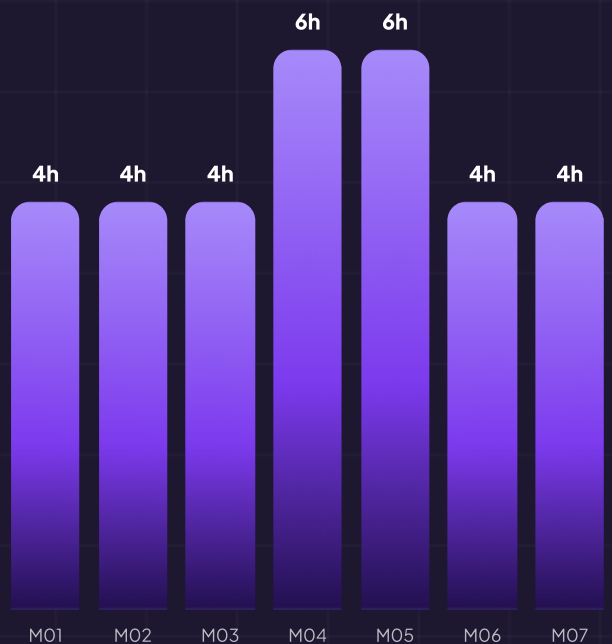
03 Connect apps and APIs using webhooks and HTTP requests

04 Add LLM steps for classification, extraction and drafting

05 Build AI agent workflows with tools and memory

06 Monitor, debug and maintain automations with error handling

HOURS PER MODULE



✦ PROGRAM RUNWAY

Your journey, module by module.

7
MODULES · 32 HRS

01	**Automation Foundations** Triggers, actions and workflows, Process mapping for automation, Comparing n8n, Make and Zapier	4 hrs
02	**Zapier Workflows** Zaps, filters and paths, Formatter and data mapping, Zapier AI actions	4 hrs
03	**Make Scenarios** Modules and scenarios, Routers and filters, Iterators and aggregators	4 hrs
04	**n8n Fundamentals** n8n cloud and self-hosting, Nodes, expressions and items, Webhooks and HTTP Request node	6 hrs
05	**Adding AI to Workflows** OpenAI and Claude integrations, Prompting for automation, Classification and data extraction	6 hrs
06	**AI Agents in n8n** AI Agent node, Tools and sub-workflows, Memory and chat triggers	4 hrs
07	**Reliability and Operations** Error workflows and retries, Logging and execution history, Rate limits and costs	4 hrs
★	**Capstone · AI Operations Automation Suite** Assessment, capstone review and certification	

✦ DETAILED CURRICULUM

The syllabus.

Modules 01–03

MODULE 01

Automation Foundations

4 hours

Hands-on lab
Map a manual lead-handling process and design its automation flow.

TOPICS COVERED

- Triggers, actions and workflows
- Process mapping for automation
- Comparing n8n, Make and Zapier
- Data types and JSON basics
- Choosing the right tool

n8n · Zapier

MODULE 02

Zapier Workflows

4 hours

Hands-on lab
Build a Zap that captures form leads, enriches them and notifies Slack.

TOPICS COVERED

- Zaps, filters and paths
- Formatter and data mapping
- Zapier AI actions
- Tables and Interfaces
- Multi-step Zaps

Zapier

MODULE 03

Make Scenarios

4 hours

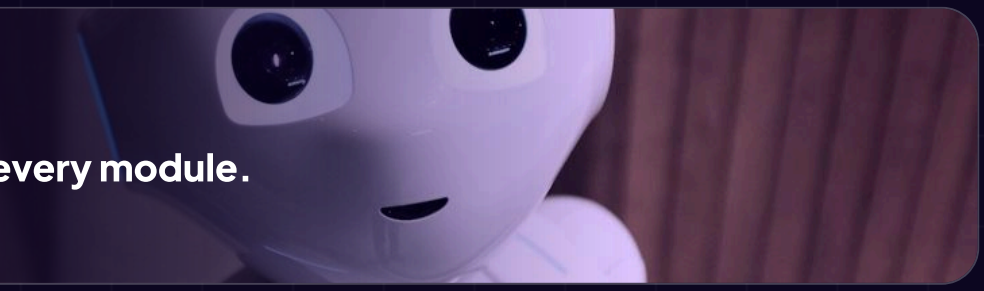
Hands-on lab
Create a Make scenario that processes invoices from email to Google Sheets.

TOPICS COVERED

- Modules and scenarios
- Routers and filters
- Iterators and aggregators
- Data stores
- Scheduling and operations

LEARN BY DOING

7 guided labs, one in every module.



✦ DETAILED CURRICULUM

Syllabus, continued.

Modules 04–05

MODULE 04

n8n Fundamentals

6 hours

Hands-on lab
Self-host n8n with Docker and build a webhook-driven workflow.

TOPICS COVERED

- n8n cloud and self-hosting
- Nodes, expressions and items
- Webhooks and HTTP Request node
- Credentials management
- Code node basics

Docker · n8n

MODULE 05

Adding AI to Workflows

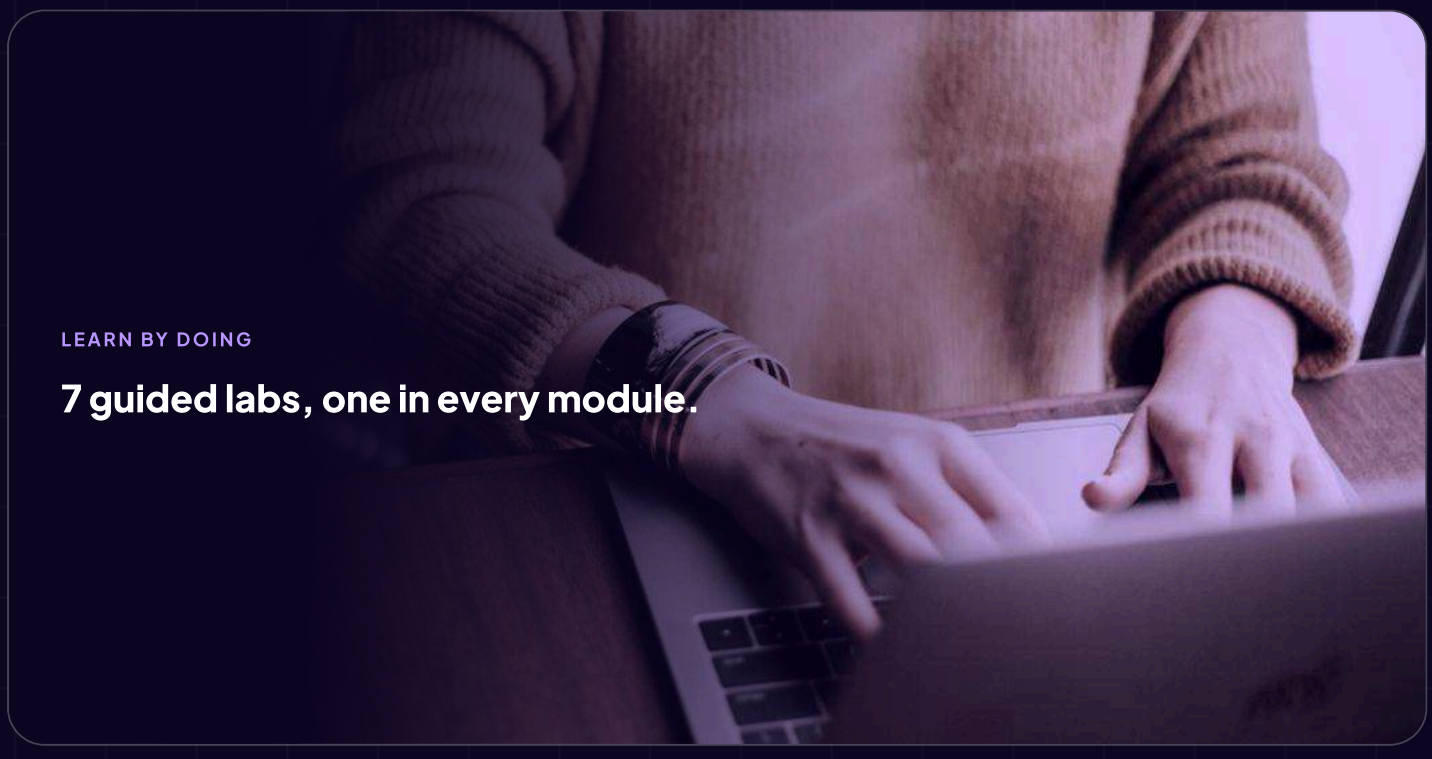
6 hours

Hands-on lab
Automatically classify support emails and draft AI replies for review.

TOPICS COVERED

- OpenAI and Claude integrations
- Prompting for automation
- Classification and data extraction
- Structured JSON outputs
- Summarisation and drafting

OpenAI · Claude (Anthropic)



LEARN BY DOING

7 guided labs, one in every module.

✦ DETAILED CURRICULUM

Syllabus, continued.

Modules 06–07

MODULE 06

AI Agents in n8n

4 hours

Hands-on lab
Build an n8n agent that answers questions from company documents.

TOPICS COVERED

- AI Agent node
- Tools and sub-workflows
- Memory and chat triggers
- RAG with vector stores
- Human approval steps

n8n

MODULE 07

Reliability and Operations

4 hours

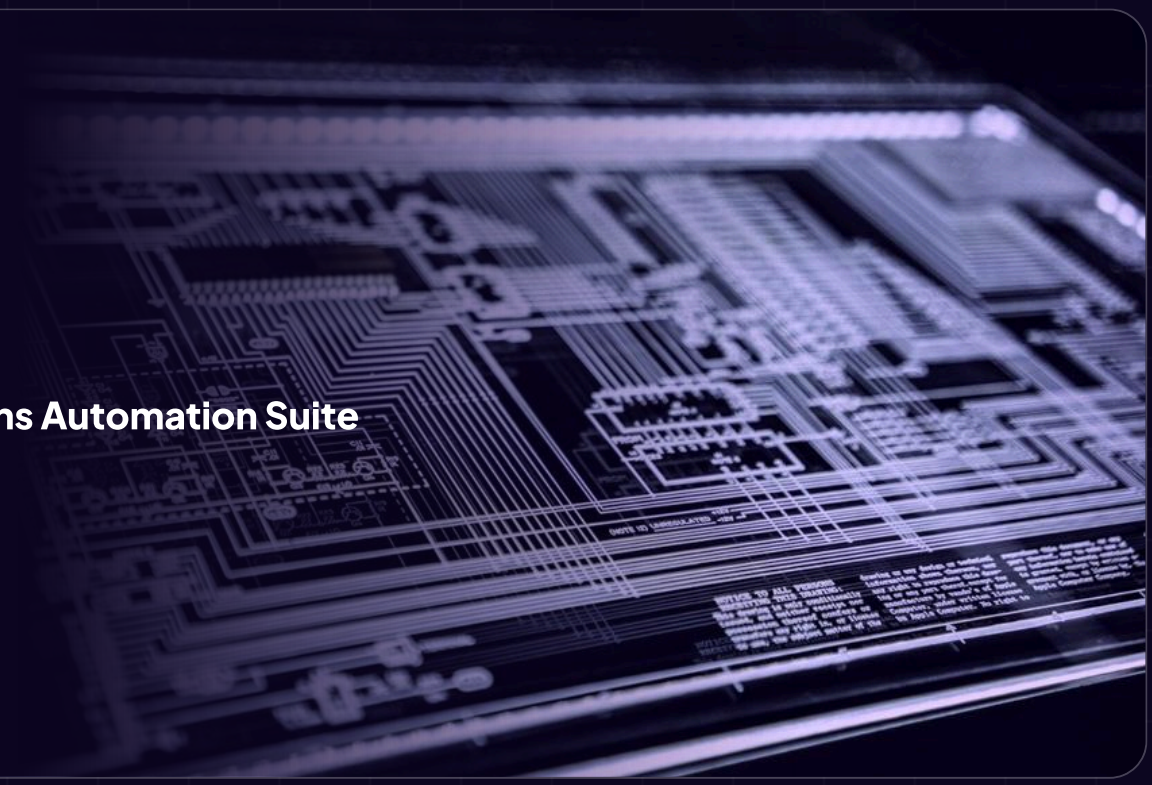
Hands-on lab
Add error handling, alerts and logging to an existing workflow.

TOPICS COVERED

- Error workflows and retries
- Logging and execution history
- Rate limits and costs
- Security and data privacy
- Documentation and handover

CAPSTONE

AI Operations Automation Suite



✦ YOUR STACK

Tools you'll build with.

Real platforms and frameworks — the same stack modern teams ship with, practised in cloud-hosted labs.

n8n
Workflow automation

Zapier
No-code automation

OpenAI
GPT models & APIs

Docker
Containers & images

Claude (Anthropic)
Claude models & APIs

LAB ACCESS

24×7 cloud labs for the length of the program

✦ HANDS-ON WORK

Projects that prove you can do it.

01

Lead Capture Automation

Automate lead capture, AI-based qualification, CRM sheet updates and personalised follow-up emails across connected apps.

02

Content Repurposing Pipeline

Turn a blog post or video transcript into social posts automatically using AI steps and scheduling.

03

Document Processing Workflow

Extract structured data from emailed invoices or forms with AI and route it for approval.

CAPSTONE PROJECT

AI Operations Automation Suite

Design and build a set of connected AI automations for a realistic small business function using n8n plus Make or Zapier, including an AI agent, error handling, monitoring and documentation for handover.

Real-world scenario | Mentor review | Portfolio ready



CERTIFICATION

SAM-AIAUTO

Awarded on successful completion of the program assessments.

- MCQ assessments
- Practical lab evaluation
- Project & capstone review
- Final presentation



✦ HOW YOU LEARN

The SAM Learning Framework™

PHASE 01

S

Scenario

Real-world attack and use-case scenarios open every module.

PHASE 02

A

Apply

Hands-on lab work, CTF challenges and live projects.

PHASE 03

M

Master

Assessment, peer review and certification prep.

PHASE 04

M

Mentor

Post-program career guidance and support.

DELIVERY MODELS

- Instructor-Led (ILT)
- Virtual Instructor-Led
- Self-Paced Online
- E-Learning Licensing
- Blended Learning
- Corporate Onsite
- Bootcamp Intensive
- Hackathon / CTF
- Mentorship

✦ LEARNING PATH · AI AUTOMATION & ENTERPRISE INTEGRATION

Where this program fits.

Intermediate

You are here

Advanced

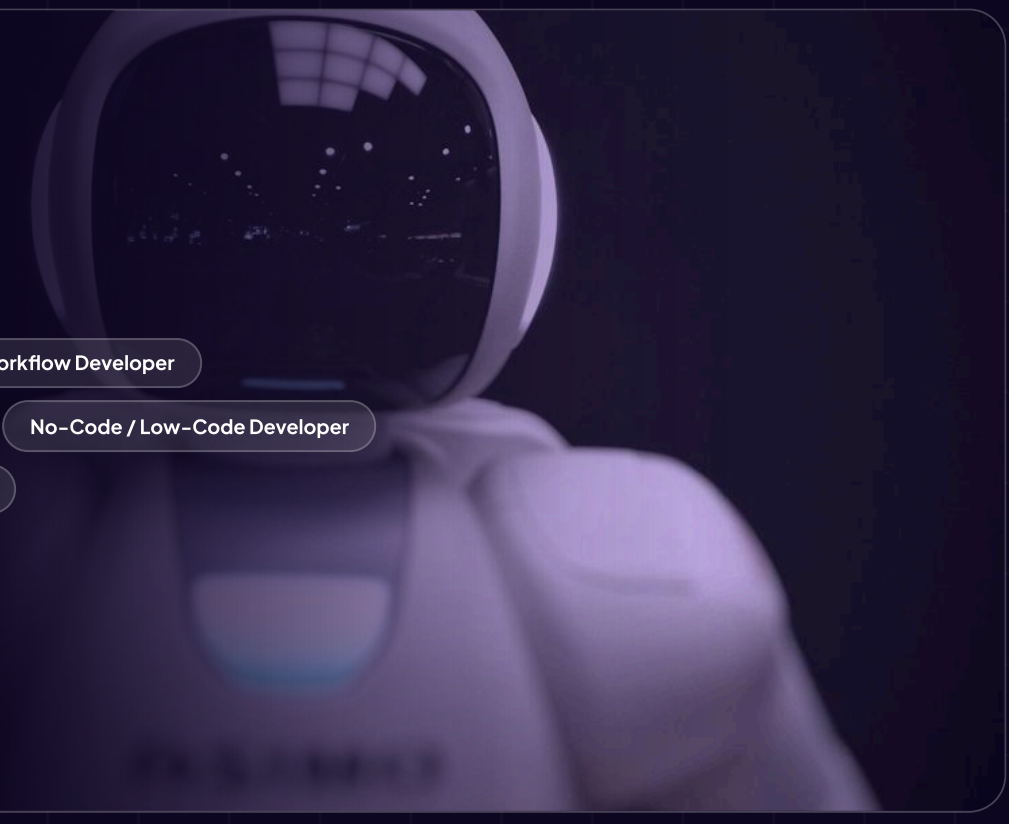
3 programs

BEFORE THIS

A starting point — no prerequisite program needed.

UP NEXT

LangChain & LlamaIndex Application Development	64 Hours
Building AI-Powered APIs & Microservices	56 Hours
AI for Cybersecurity (AI-Augmented SOC)	48 Hours



CAREER ROLES

- Automation Specialist
- AI Workflow Developer
- Operations or RevOps Analyst
- No-Code / Low-Code Developer
- Marketing Automation Executive

✦ FAQS

Questions, answered.

Q01

Do I need prior experience to join?

No coding experience is required. You should be comfortable using web apps, email and spreadsheets. Basic understanding of JSON or APIs helps, and the program introduces these concepts step by step with guided examples.

Q02

How is the program delivered and scheduled?

The program is instructor-led and delivered as live virtual or blended sessions. Batch timings, weekday or weekend schedules and session lengths are shared at enrolment, and recordings or notes support revision between sessions.

Q03

What certification will I receive?

Learners who complete the sessions, labs and final assessments are awarded the Samcommunity Academy SAM-AIAUTO certificate. It is issued after successful assessment, not on attendance alone, and reflects the practical skills covered in the program.

Q04

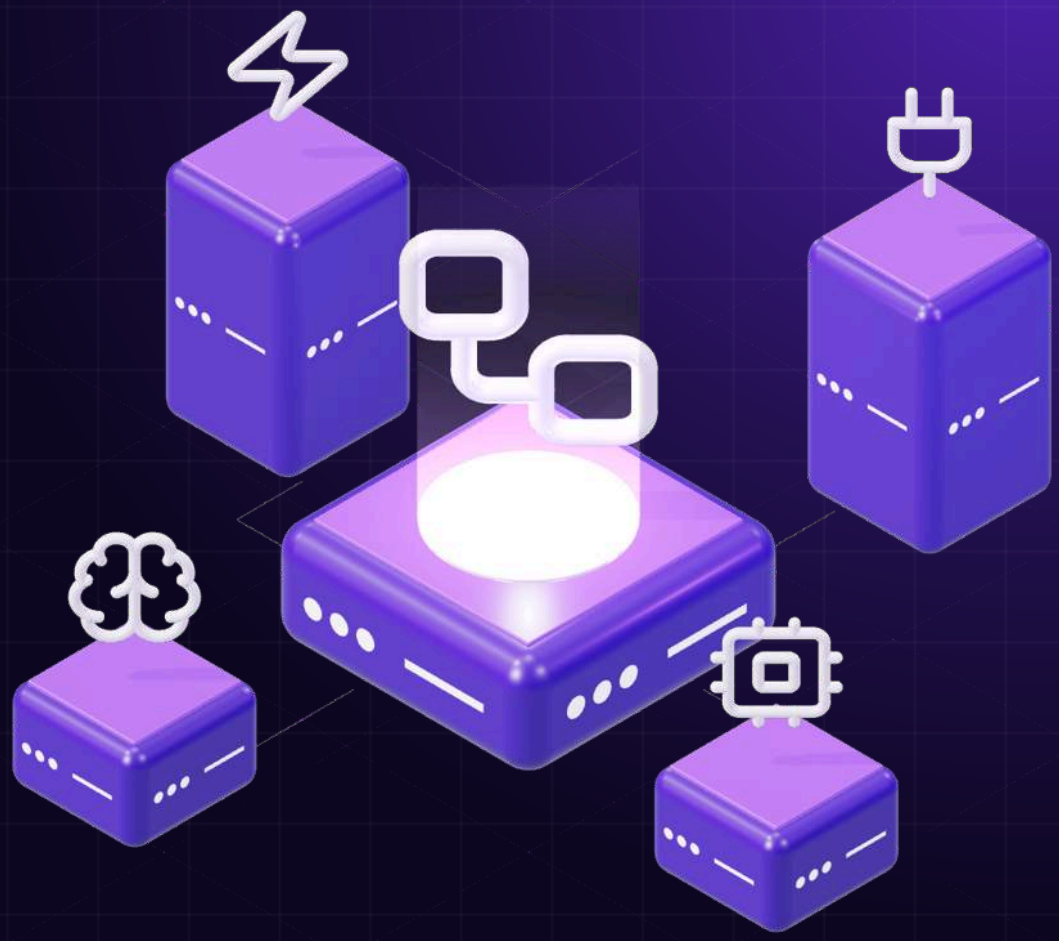
Will I get access to labs and tools?

Yes. You will build on n8n (self-hosted or cloud), Make and Zapier, most of which offer free tiers suitable for labs. AI model API access may need small credits; instructors explain free and low-cost options.

Q05

Is there career support after the program?

Learners receive guidance on portfolio projects, resume positioning and interview preparation related to the skills covered. Career support is advisory; the program does not guarantee job placement, specific roles or salary outcomes.



✦ LET'S TALK

Start AI Automation with n8n / Make / Zapier with Samcommunity.

INDIVIDUALS

academy@samcommunity.in

Batches, enrolment & career guidance

CORPORATE & INSTITUTIONS

corporate@samcommunity.in

Team batches & custom programs

Xylyn Samcommunity Private Limited · DPIIT-recognized startup · Surat, Gujarat, India