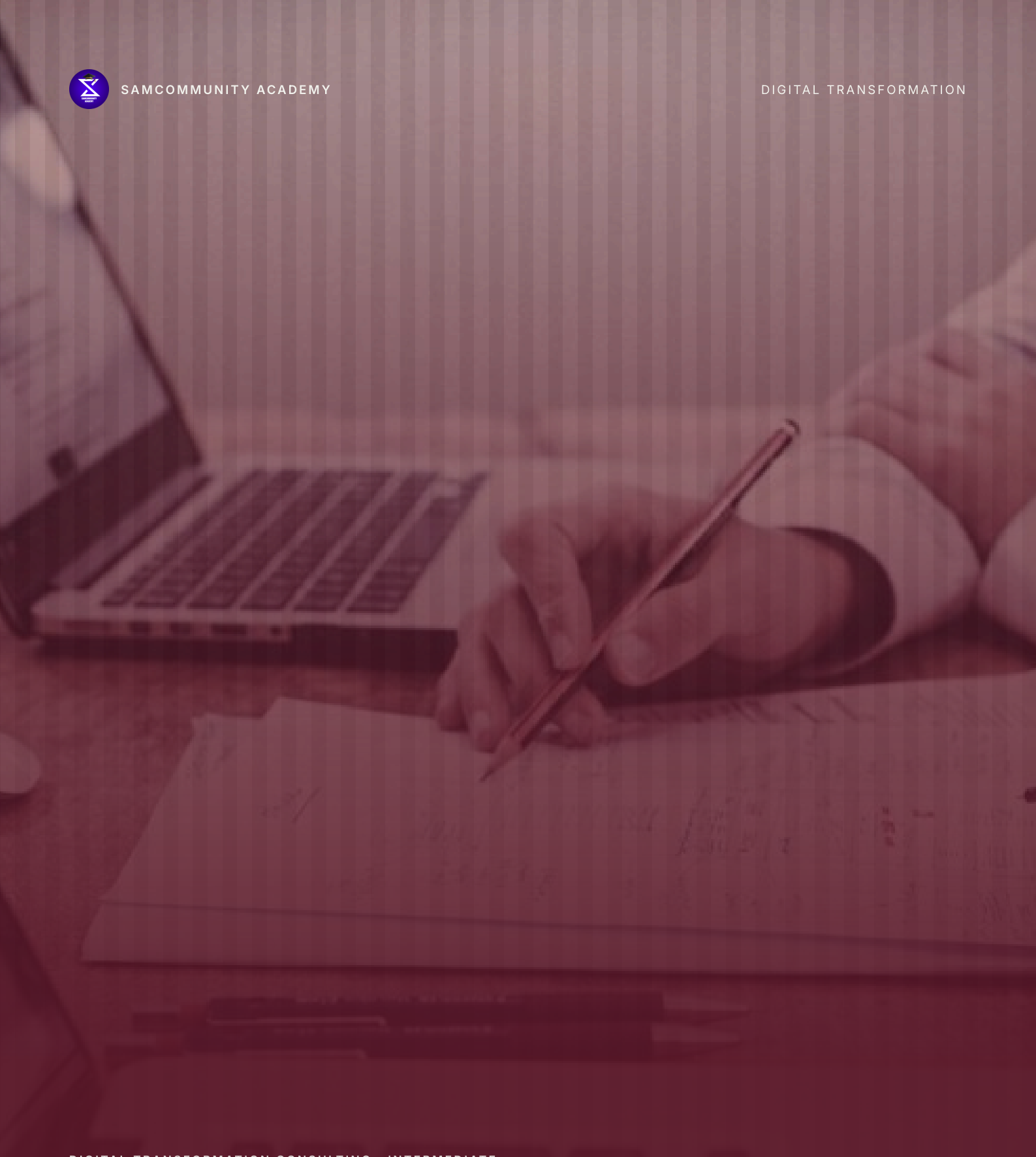


DIGITAL TRANSFORMATION CONSULTING · INTERMEDIATE

Process Automation & RPA

Automate repetitive work.

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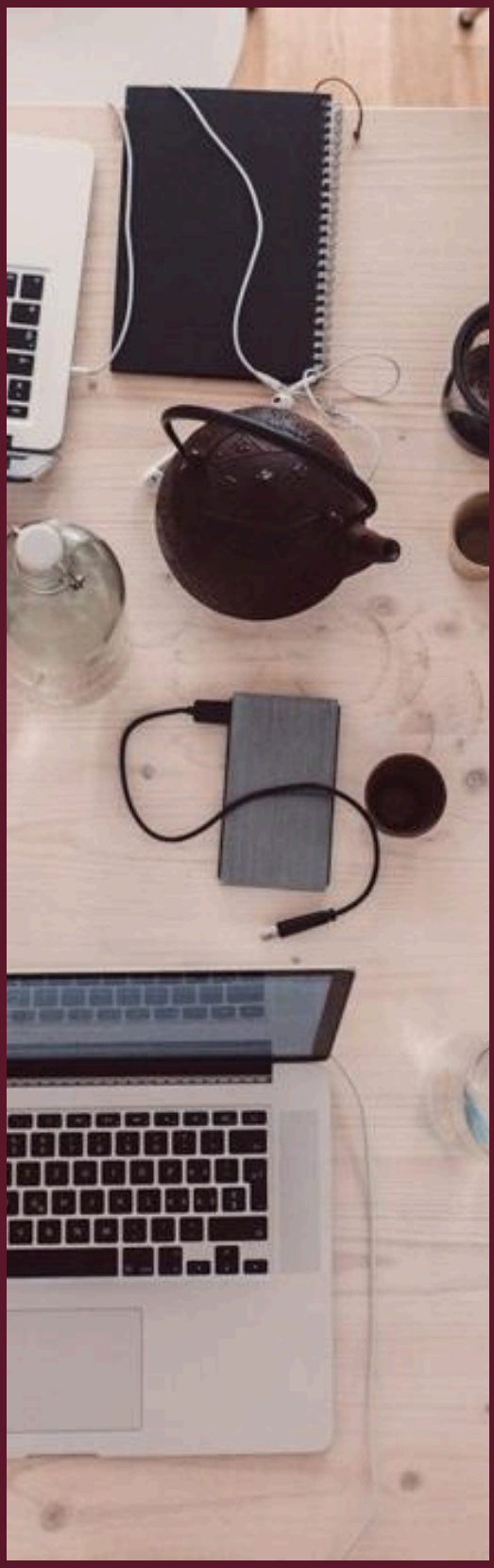
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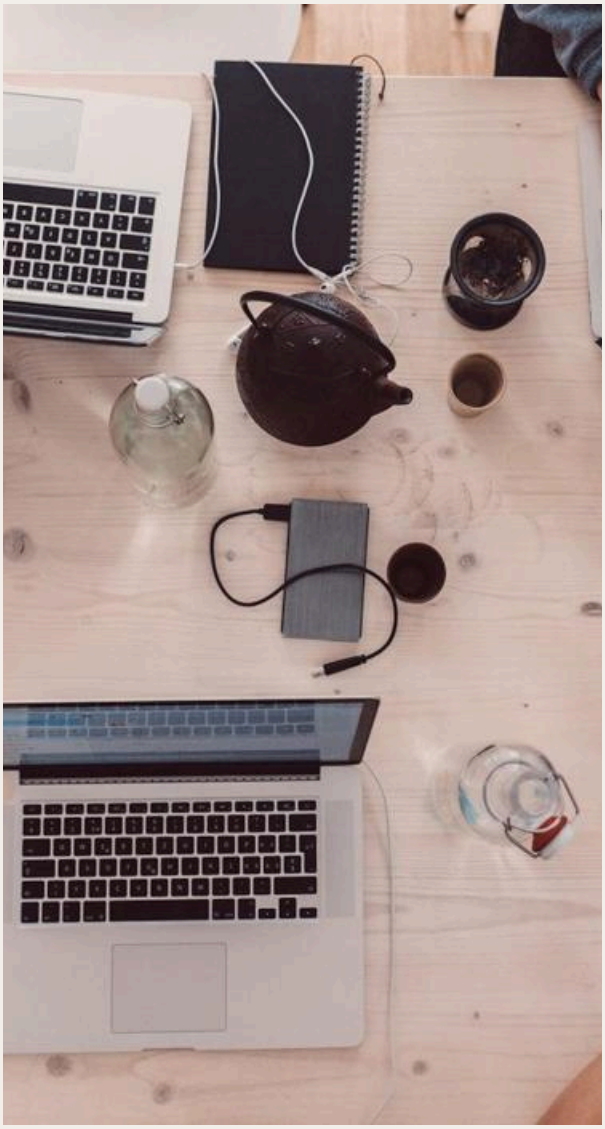


LEVEL	Intermediate
DURATION	48 Hours
MODULES	7
CERTIFICATE	SAM-RPA

Why this program

Identify, design and automate repetitive business processes with RPA and workflow tools.

Repetitive, rules-based work consumes time across finance, HR, operations and customer service. Process automation frees teams for higher-value work when applied to the right processes. This intermediate program teaches how to identify, map and redesign processes, then build bots and workflows using leading RPA, low-code and Python tools while measuring real business value.



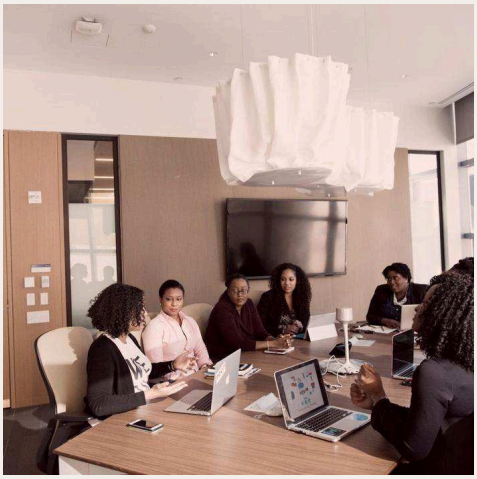
48 hours of compact, practical sessions

7 focused modules, built around real work

3 projects plus a capstone presentation



Who this program is for



01

Non-technical leaders

Digital awareness and literacy workshops

02

Strategy & operations teams

Enterprise digital strategy, RPA

03

Transformation leads

AI-led transformation, data-driven org

04

CxOs

Digital transformation leadership

PREREQUISITES

- Familiarity with business processes and office tools
- Basic logical thinking and problem solving
- Introductory programming knowledge helpful, not mandatory

DESIGNED FOR

- RPA Developer
- Automation Analyst
- Business Process Analyst
- Process Improvement Specialist
- Automation CoE Team Member

What you'll be able to do.

01 Identify and assess processes suitable for automation

02 Map current and future processes using BPMN notation

03 Build attended and unattended bots in UiPath

04 Automate workflows using Power Automate and low-code tools

05 Write Python scripts for data and document automation

06 Measure automation ROI and govern a bot portfolio

How the program works

Automation Landscape and Strategy

RPA, workflow and intelligent automation, Attended vs unattended automation, Automation tool landscape, Automation Centre of Excellence models.

Process Discovery and Mapping

Process selection criteria, BPMN 2.0 basics, Process and task mining concepts, Lean waste identification.

UiPath Fundamentals

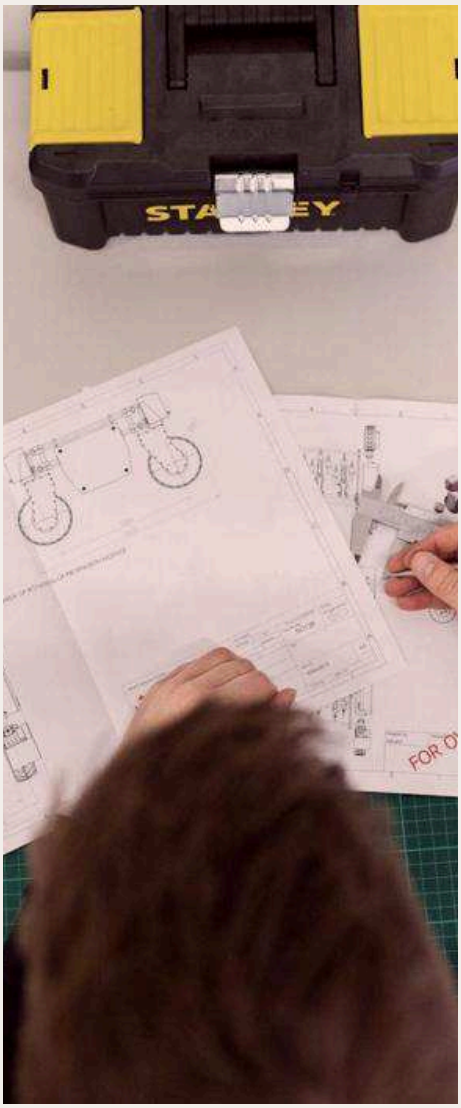
UiPath Studio interface, Sequences, flowcharts and variables, UI automation and selectors, Excel and email automation.

Advanced RPA and Orchestration

REFramework design pattern, Orchestrator queues and triggers, Document understanding and OCR, Credential management.

01 · Automation Landscape and Strategy	4 hrs
02 · Process Discovery and Mapping	6 hrs
03 · UiPath Fundamentals	10 hrs
04 · Advanced RPA and Orchestration	8 hrs
05 · Low-Code Workflow Automation	8 hrs
06 · Python for Automation	6 hrs
07 · ROI, Governance and Scaling	6 hrs

★ Capstone · End-to-End Process Automation



The curriculum

MODULES 01–03

01 Automation Landscape and Strategy

4 HOURS

Practical: Classify sample business tasks by the most suitable automation approach.

- RPA, workflow and intelligent automation
- Attended vs unattended automation
- Automation tool landscape
- Automation Centre of Excellence models
- Agentic AI and automation trends

02 Process Discovery and Mapping

6 HOURS

Practical: Map an invoice processing workflow in BPMN and redesign it.

- Process selection criteria
- BPMN 2.0 basics
- Process and task mining concepts
- Lean waste identification
- Future-state process redesign

03 UiPath Fundamentals

10 HOURS

Practical: Build a UiPath bot that extracts and consolidates Excel report data.

- UiPath Studio interface
- Sequences, flowcharts and variables
- UI automation and selectors
- Excel and email automation
- Error handling and debugging



Curriculum, continued

MODULES 04–05

04 Advanced RPA and Orchestration

8 HOURS

Practical: Deploy a queue-based bot through Orchestrator with retry handling.

- REFramework design pattern
- Orchestrator queues and triggers
- Document understanding and OCR
- Credential management
- Unattended bot deployment

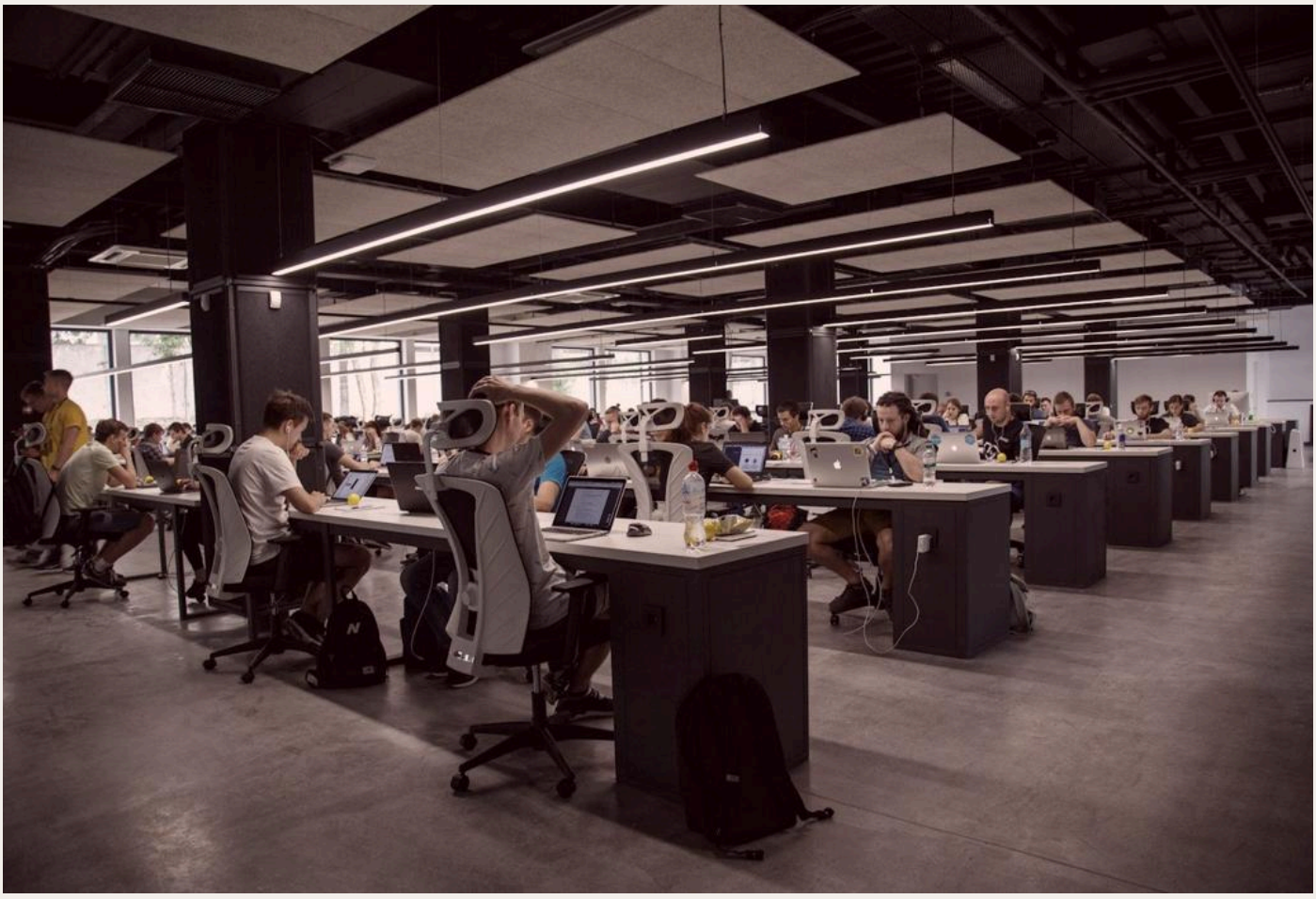
05 Low-Code Workflow Automation

8 HOURS

Practical: Build an approval workflow connecting forms, email and a spreadsheet.

n8n

- Power Automate cloud flows
- Power Automate Desktop
- Approvals and notifications
- Connectors and integrations
- n8n and open-source alternatives



Curriculum, continued

MODULES 06–07

06 Python for Automation

6 HOURS

Practical: Write a Python script that cleans data and generates reports.

Python pandas

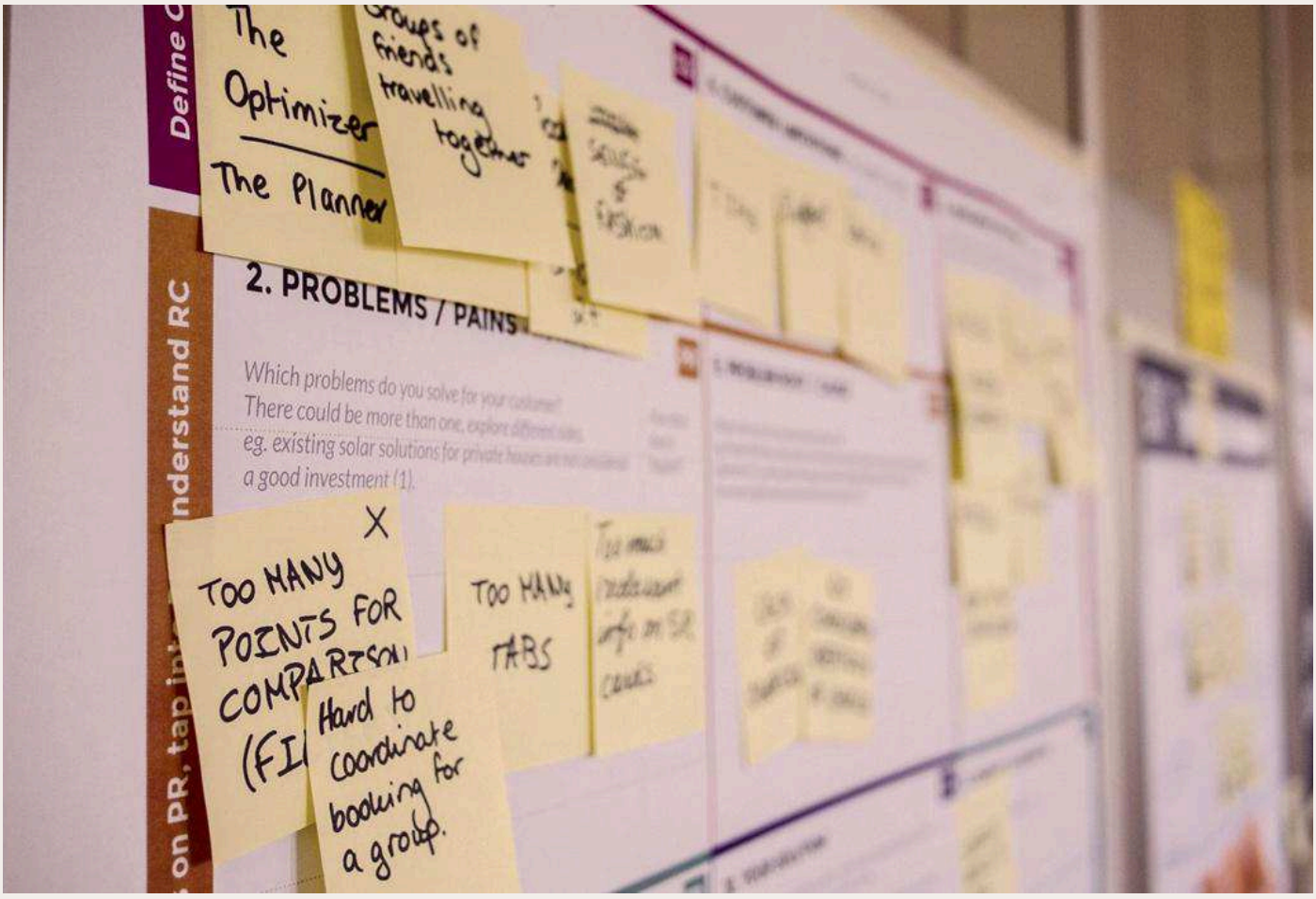
- Python scripting essentials
- Pandas for data processing
- File and PDF automation
- Web automation with Playwright
- Calling REST APIs

07 ROI, Governance and Scaling

6 HOURS

Practical: Calculate ROI for three automation candidates and recommend priorities.

- Automation business case and ROI
- Bot monitoring and maintenance
- Security and compliance for bots
- Scaling an automation pipeline
- Change management for automation



What you'll focus on.

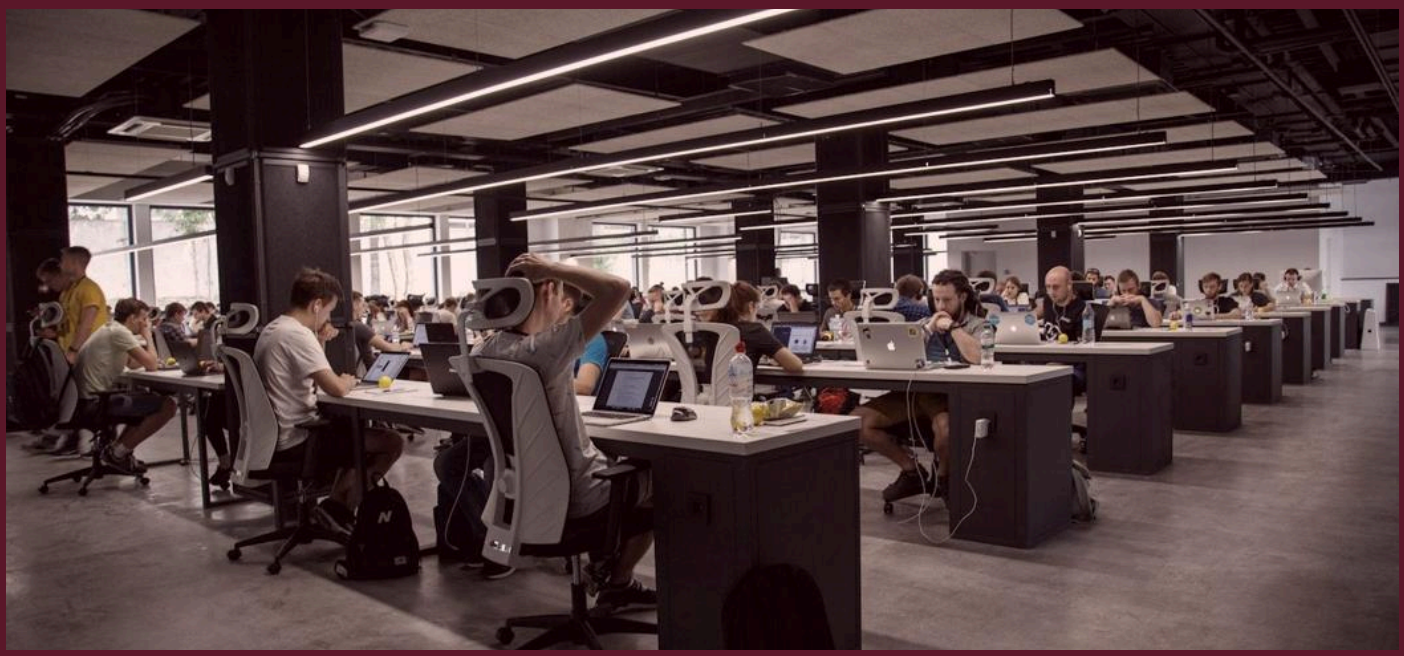
Automation Landscape and Strategy 01

Process Discovery and Mapping 02

UiPath Fundamentals 03

Advanced RPA and Orchestration 04

Low-Code Workflow Automation 05



Python
Automation & scripting

pandas
Data wrangling

n8n
Workflow automation

Projects & capstone

01

Invoice Processing Bot

Build a UiPath bot that reads invoices, extracts key fields and updates a tracking spreadsheet with exceptions.

02

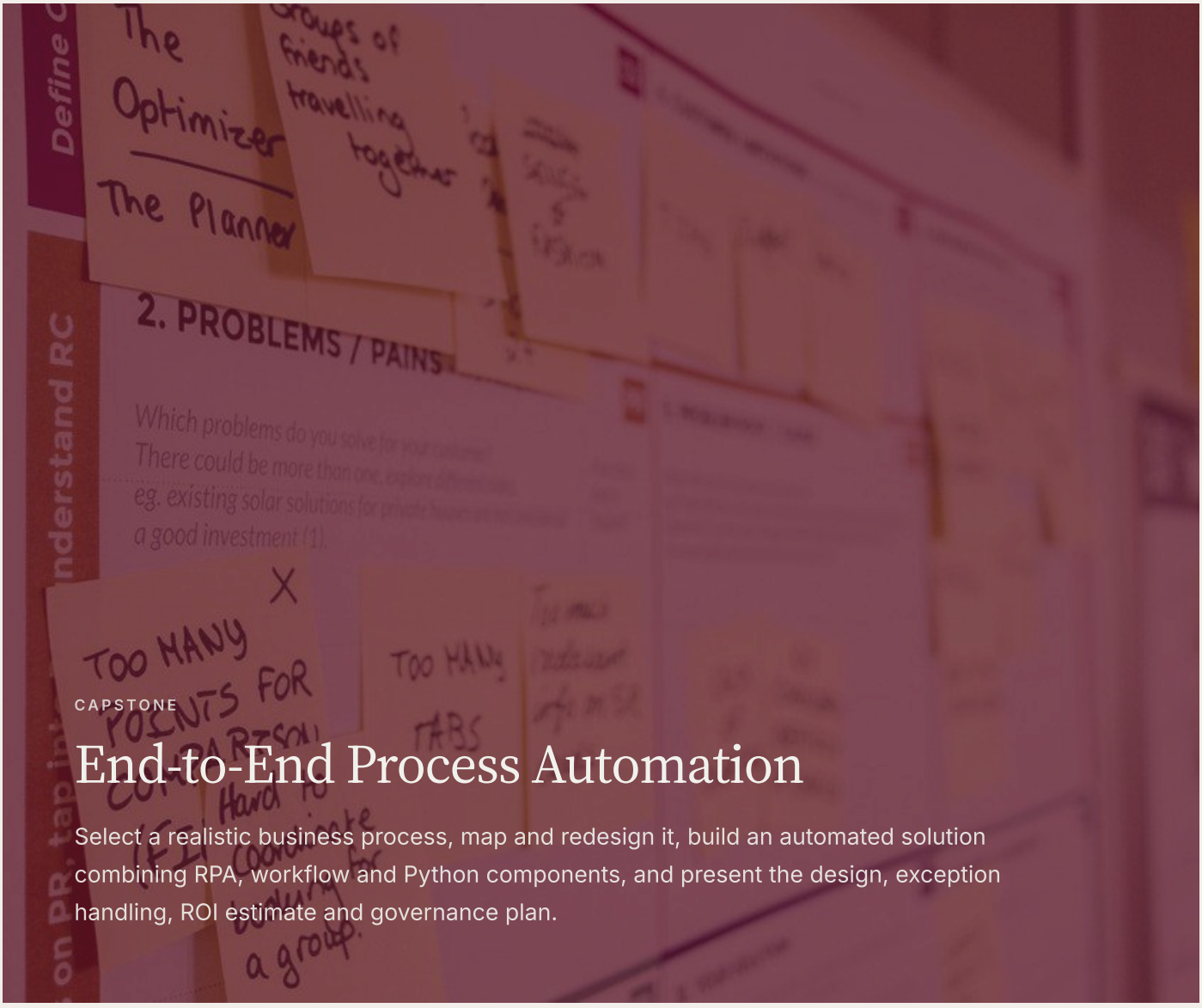
Approval Workflow Automation

Create a Power Automate workflow handling requests, approvals, notifications and record updates across connected apps.

03

Python Report Generator

Develop a Python script that consolidates data from multiple files and produces a formatted summary report.



CAPSTONE

End-to-End Process Automation

Select a realistic business process, map and redesign it, build an automated solution combining RPA, workflow and Python components, and present the design, exception handling, ROI estimate and governance plan.

CERTIFICATION

SAM-RPA

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™

01 Scenario

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

02 Apply

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

03 Master

Assessment, peer review and certification prep.

04 Mentor

Post-program career guidance and support.



Delivery: Instructor-Led (ILT) · Virtual Instructor-Led · Self-Paced Online · E-Learning Licensing · Blended Learning · Corporate Onsite

Where this program fits

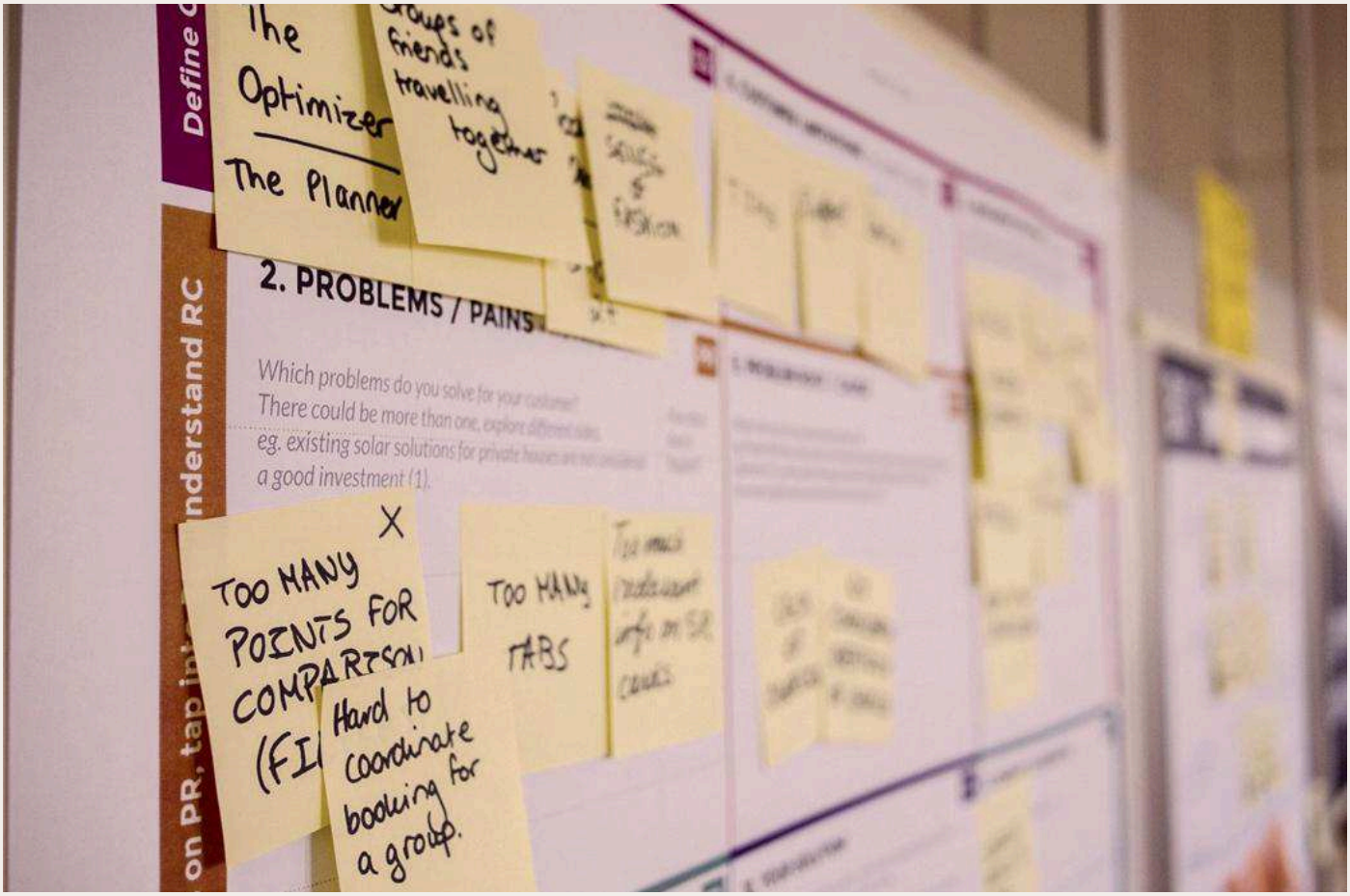
Foundation	**Intermediate**	Advanced	Expert
2 programs	You are here	3 programs	1 programs

BEFORE THIS

Digital Transformation Awareness Workshop	8 Hours
Digital Literacy for Non-Technical Leaders	16 Hours

UP NEXT

AI-Led Digital Transformation Program	80Hours
Data-Driven Organization Building	56 Hours
Customer Experience Transformation	40 Hours



Questions, answered

Do I need prior experience to join?

No prior automation experience is required. Familiarity with business processes and tools like Excel and email is enough to start. Basic programming knowledge helps in the Python module, which is taught from fundamentals.

How is the program delivered and scheduled?

The 48 hours program is instructor-led and delivered live virtual or blended, combining concept sessions, demonstrations and guided hands-on work. Batch timings and session frequency are confirmed with the academy team at enrollment.

Will I receive a certificate?

Yes. Participants who attend the required sessions and pass the program assessments, including practical tasks and a capstone review, receive the Samcommunity Academy SAM-RPA certificate for Process Automation & RPA.

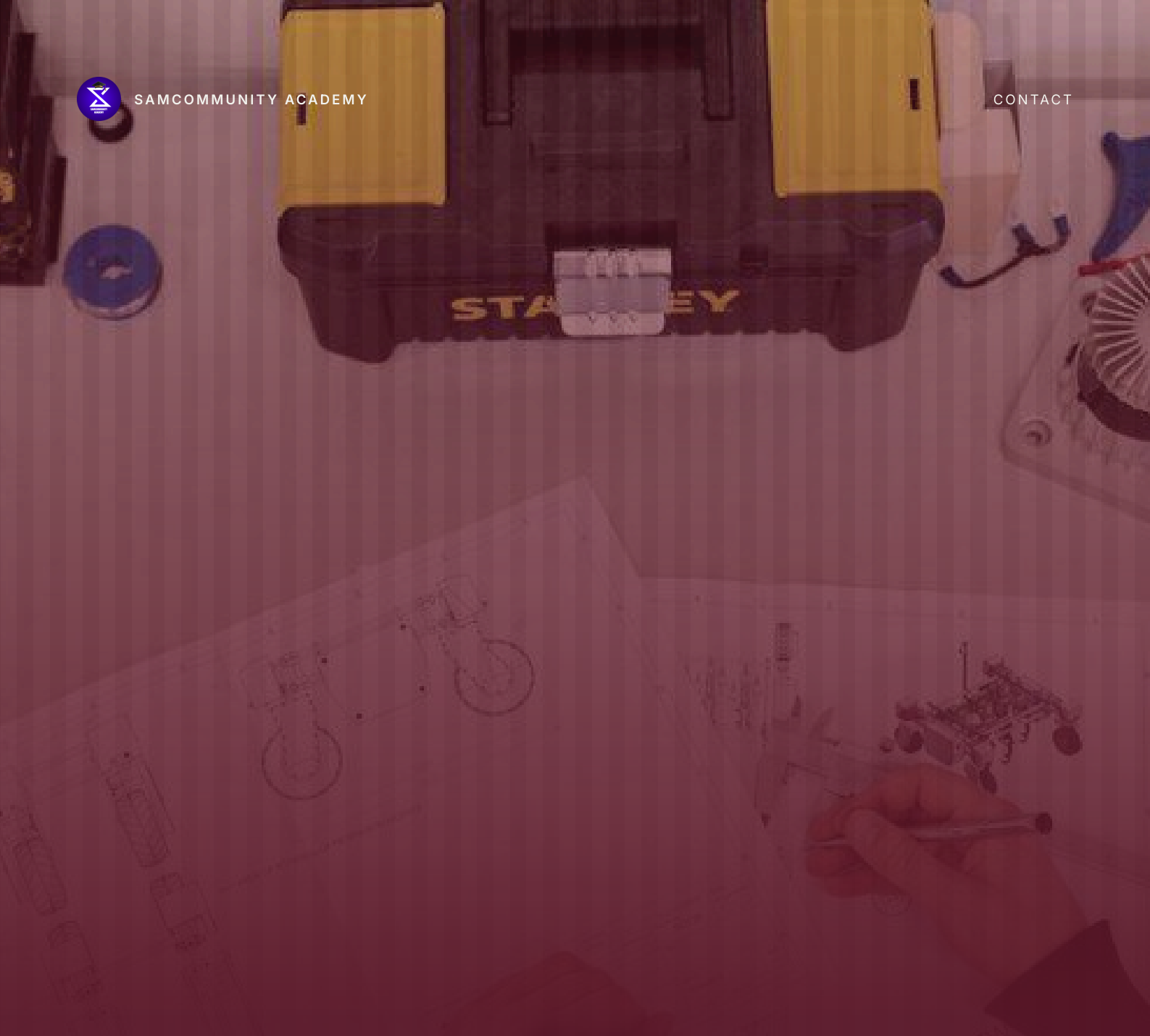
What labs and tools will I have access to?

Labs use UiPath Studio Community Edition, Power Automate, Python and open-source tools such as n8n. Setup guidance and any account or licence requirements are shared before the relevant sessions.

Is career support provided?

Yes. You receive guidance on building a portfolio from your projects, presenting skills on your resume and preparing for interviews. Career support helps you present yourself well, but job placement, interviews and salaries are not guaranteed.





Begin with Process Automation & RPA.

INDIVIDUALS

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