

UiPath Certified Agentic Automation Professional (UiAAPv1)

OEM: UiPath • Duration: 5 Days (40 hrs) • Code: UiAAPv1

COURSE MODULES & TOPICS

Get Started with Studio Web

- Create workflows with Autopilot and Gen AI activities
- Navigate the Studio Web interface
- Publish and manage automations in Orchestrator

Variables and Arguments in Studio Web

- Work with data using variables and arguments
- Pass data between workflows using Invoke Workflow
- Apply best practices for modular, reusable design

Control Flow in Studio Web

- Implement logic with If, Else If, Switch, and For Each
- Handle multi-path decision-making
- Design smart, adaptive workflows

User Interface Automation with Studio Web

- Build automations that interact with browser UI
- Handle credentials and login flows securely
- Extract and input data across multiple pages
- Debug UI issues and improve reliability

Build Your First Agent with Studio Web

- Configure agents using Autopilot and from scratch
- Understand core agent components: tools, prompts, contexts
- Build a transcript processing agent
- Learn agent scoring and evaluation basics

Agentic Prompt Engineering

- Apply zero-shot, few-shot, and chain-of-thought prompting

- Apply system vs. user prompts for autonomous agents
- Explore prompt health scoring and optimization

Configure Context and Escalations for Agents

- Implement grounding with storage buckets
- Build escalation apps using Action Center
- Design multi-agent flows combining AI and human decisions

Configure Evaluations for Agents

- Create evaluation sets and reusable evaluators
- Use Gen AI scoring with LLM-as-a-Judge, Exact Match, and JSON Similarity
- Track agent health and ensure enterprise readiness

Process Implementation in UiPath Maestro

- Introduction to BPMN 2.0 foundations for automation-ready workflows
- Implement intelligent business processes with Maestro
- Unify automations, agents, and people into scalable workflows
- Design and publish process definitions

UiPath Maestro: Process Operations

- Analyze process execution behavior and audit logs
- Troubleshoot Maestro process issues
- Manage instances with retry, migrate, pause, resume, and cancel
- Orchestrate resilient, scalable workflows at enterprise scale