

UiPath Professional Specialized AI Professional (SAIv1)

Course Description:

The Specialized AI Professional Training is designed for Automation Developers aiming to integrate advanced AI capabilities into enterprise automation projects. This comprehensive learning plan provides deep, hands-on expertise in specialized AI areas including intelligent document processing, AI-powered data mining, and communications mining using UiPath Document Understanding, AI Center, and Communications Mining. The training prepares learners to independently build, deploy, and lead production-level AI-powered automations, directly supporting the attainment of the UiPath Certified Professional Specialized AI Professional (SAIv1) credential.

Audience Profile:

- Advanced Automation Developers
- Solution Architects
- Automation Architects
- Professionals seeking to master specialized AI integration in automation projects
- Individuals preparing to lead or design complex, cognitive automation solutions

Prerequisite:

- Completion of Automation Explorer, Automation Developer Associate, and Automation Developer Professional learning plans recommended
- Practical experience with UiPath Studio and automation concepts

Course Objective:

- Attain advanced, hands-on expertise using UiPath Document Understanding, AI Center, and Communications Mining
- Build and deploy robust, production-level automations harnessing AI, ML, and NLP technologies
- Design, train, and refine machine learning models for document and communications processing

- Analyze, extract, and monitor data from unstructured sources using communications mining
- Lead automation projects that infuse specialized AI capabilities
- Prepare for the UiPath Certified Professional Specialized AI Professional (SAIv1) certification

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- 1. Introduction to AI and Specialized AI Professional Profile**
 - AI concepts: generative AI, machine learning, NLP, specialized vs. generalist AI
 - Role and capabilities of the Specialized AI Professional
- 2. UiPath AI Center**
 - Managing ML models with AI Center
 - Integrating ML models with automation projects
- 3. UiPath Document Understanding (Advanced)**
 - Implementing Document Understanding framework activities
 - Using out-of-the-box and custom ML extractors
 - Training, refining, and deploying ML extractors
 - Building end-to-end DU projects using process templates
 - Active learning in modern DU projects
- 4. UiPath Communications Mining (Advanced)**
 - Communications Mining overview and updates
 - Taxonomy design for unstructured data
 - Model training deep dive: setup, discover, explore, refine, and maintain
 - Analytics and monitoring with Communications Mining
- 5. Specialized AI Project Practice**
 - Real-world project building with document processing

- Building projects analyzing and extracting data from unstructured communications

6. Learning Plan Completion

- Assessment
- Feedback Survey
- Earning the Specialized AI Professional diploma and credential (SAIv1)