

# UiPath Certified Professional - Specialized AI Professional (SAIv1)

32 Hours

## Course Description

The UiPath Certified Professional - Specialized AI Professional course is a comprehensive training program that prepares individuals for the UiPath-SAIv1 (Specialized AI Professional v1.0) certification exam. This 32-hour training is designed to equip Automation Developers with the specialized knowledge and skills required to excel in complex projects involving document processing and data extraction from unstructured communications using artificial intelligence. Participants will gain hands-on experience with UiPath's latest technologies, including AI Center, Document Understanding, and Communication Mining. Successful completion of this course will prepare you for the UiPath-SAIv1 certification exam.

## Audience

This course is ideal for Automation Developers who want to become UiPath Certified Specialized AI Professionals. It is tailored to professionals seeking to diversify their skillset and excel in projects involving documents and unstructured communication data through AI. This course is perfect for those preparing to take the UiPath-SAIv1 certification exam.

## Pre-requisite Knowledge/Skills

To maximize the learning experience and succeed in the UiPath-SAIv1 certification exam, we recommend that participants complete the following learning plans:

- Automation Explorer
- Automation Developer Associate training
- Automation Developer Professional

## Course Objectives

**Course Objectives:** Upon completing the UiPath Certified Professional - Specialized AI Professional course, participants will be able to:

- Understand the fundamentals of artificial intelligence and machine learning in the context of Robotic Process Automation (RPA).
- Master the concepts of UiPath AI Center, including projects, datasets, data labeling, ML packages, pipelines, ML skills, and ML logs.
- Learn how to deploy and install AI Center to manage and deploy machine learning models for automation projects.
- Build a solid foundation in Document Understanding, including its overview and capabilities.
- Develop the skills to train machine learning models for Document Understanding and implement the Document Understanding Process Template in UiPath Studio.
- Gain proficiency in UiPath Communications Mining and use it to analyze and extract data from unstructured communication.

- Understand the intricacies of model training, taxonomy design, and data exploration in Communication Mining.
- Prepare for the UiPath-SALv1 (Specialized AI Professional v1.0) certification exam.

## Course Outline

The course comprises 32 hours of theory and labs. It's divided into 3 different modules.

### Module 1: UiPath AI Center

- Introducing AI Center
  - Artificial Intelligence in the Context of RPA
  - A Closer Look at Machine Learning
  - What is AI Center?
  - Identifying Use Cases
  - Deployment and Installation
  - An End-to-End Preview of AI Center
- AI Center Main Concepts
  - Projects
  - Datasets
  - Data Labeling
  - ML Packages
  - Pipelines
  - ML Skills
  - Closing the Loop
  - ML Logs

### Module 2: UiPath Document Understanding

- UiPath Document Understanding Overview
- Build a Document Understanding in Studio
- Train ML Models for Document Understanding
- The Document Understanding Process Template in Studio

### Module 3: UiPath Communications Mining

- UiPath Communications Mining Overview
- Fundamentals of Model Training

- Taxonomy Design
- Model Training Deep Dive: Setup
- Model Training Deep Dive: Discover
- Model Training Deep Dive: Explore
- Model Training Deep Dive: Refine & Maintain