

# Next-Level Bot Building with SAP Intelligent RPA 2.0.

## Course Description

SAP Intelligent Robotic Process Automation (SAP Intelligent RPA) is a complete automation suite, where software robots are designed to mimic humans by replacing manual clicks and automate end-to-end scenarios for definable and repeatable business processes. The solution consists of several components that enable you to develop your own bots by capturing your process, creating your workflow, and configuring, executing, monitoring, and debugging your automations.

This course provides an overview of the updated version of the solution: SAP Intelligent RPA 2.0. In Build Bots with SAP Intelligent Robotic Process Automation, you learned how to create your own bots in the Desktop Studio, how to configure and monitor them with the Cloud Factory, and how to make them run as digital workers or digital assistants. In this course, you're faced with a simplified, intuitive, and low-coded Cloud Studio and an updated runtime to create and execute your bots.

You'll learn what's new with the updated version and you'll see how simple the bot-building experience has become, especially for citizen developers and business users.

## Audience

- Expert bot developers
- Citizen developers
- Business users/business process experts
- Bot Operators

## Pre-requisite Knowledge/Skills

- JavaScript Skills
- Basic knowledge of SAP Intelligent RPA
- Technical acumen

## Course Objectives

Upon successful completion of this course, students should be able to:

- learn what's new with the updated version and you'll see how simple the bot-building experience has become, especially for citizen developers and business users.

## Course Outline

The course comprises 32-hours of theory and labs in SAP Build. It's divided into 5 different modules.

### Module 1: Introduction

- Introduction
- Solution and Tools Overview
- Onboarding and Tenant Admin
- Factory Projects Board: Projects, Packages, and Personas
- Factory Officer Board: Agents, Environments, and Monitoring
- Deployments on Desktop Agent

### Module 2: First Automations

- Introduction to Cloud Studio
- Automations in Cloud Studio
- Data Types and Input/Output in Automations and Activities
- Additional Patterns and Activities: Loops, Logic, and Controls
- Debugger: Step by Step
- Store: Bots Brought to You by SAP

### Module 3: Build Your End-to-End Project

- Capturing and Testing Applications
- Advanced Capture Techniques: Patterns and Collections
- Automations with Application Entities
- Modular Design of Automations
- Modular Design of Automations – Demo
- Script Editor: Custom Scripting, Formulas, and Expressions
- Managing Attended and Unattended Design at the Development Stage
- API Triggers and Notifiers

### Module 4: Rich Desktop Ecosystem

- MS Office Suite Automation: Excel
- PDF Documents Automation
- MS Office Suite Automation: Outlook
- MS Office Suite Automation: Word
- Calling Web Services and APIs

## Module 5: Leverage Business Applications

- Additional Connectors: Overview
- UI Automation Connector
- SAPUI5
- SAP GUI
- SAP GUI – Demo
- Summary and Takeaways