



Robotic Process Automation

Acctg & Fin | BUS AN 500 | Class 03
Spring Qtr | 2026

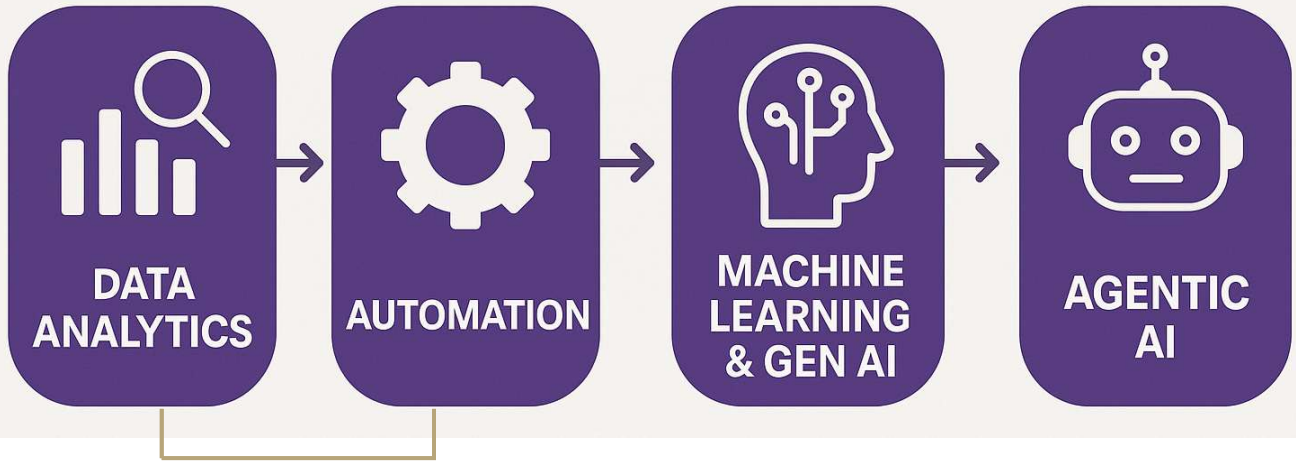
FOSTER
SCHOOL OF BUSINESS
W UNIVERSITY of WASHINGTON

What will we do today?

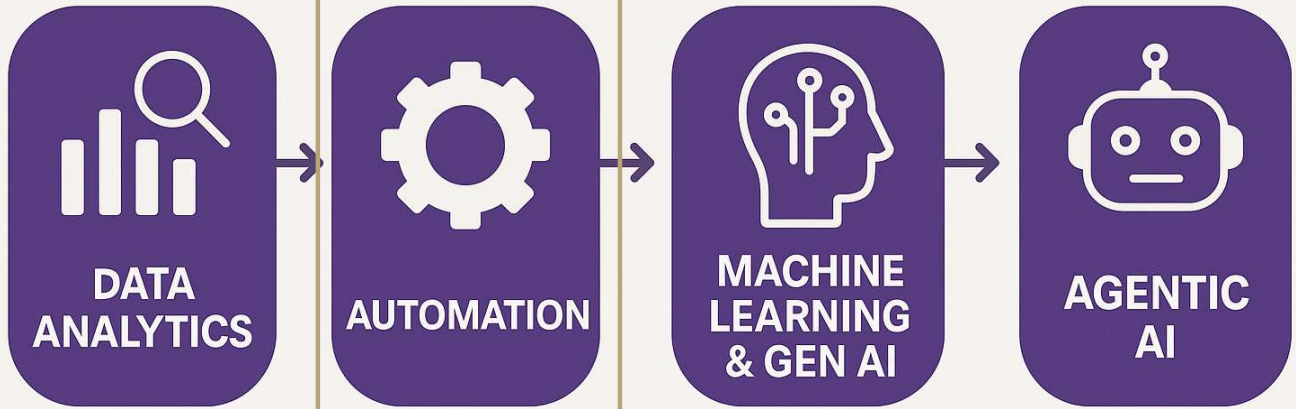
- **Review**
- Robotic Process Automation
 - Introduction
 - Different Automation Models
- RPA with UiPath Lab
 - Overview of the Cloud Interface
 - Starter Templates
- Workshop/Lab time
 - Individual RPA Submission (30%)



Course Diagram



Course Diagram



Robotic Process Automation
(deterministic processes)

What will we do today?

- Review
- **Robotic Process Automation**
 - **Introduction**
 - Different Automation Models
- RPA with UiPath Lab
 - Overview of the Cloud Interface
 - Starter Templates
- Workshop/Lab time
 - Individual RPA Submission (30%)



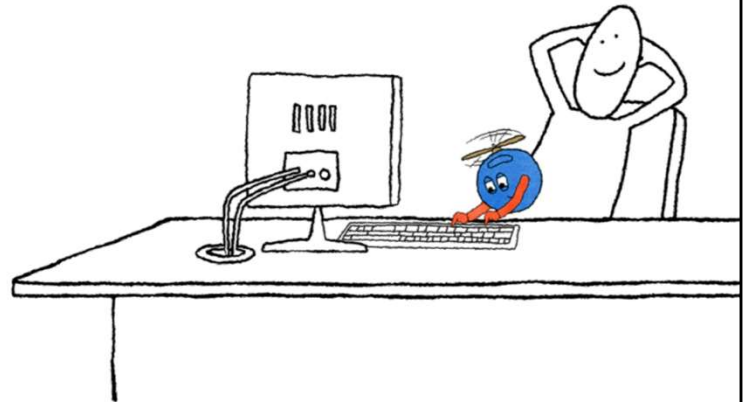
Poll everywhere

Name one day-to-day process that has made your life easier since it was automated.

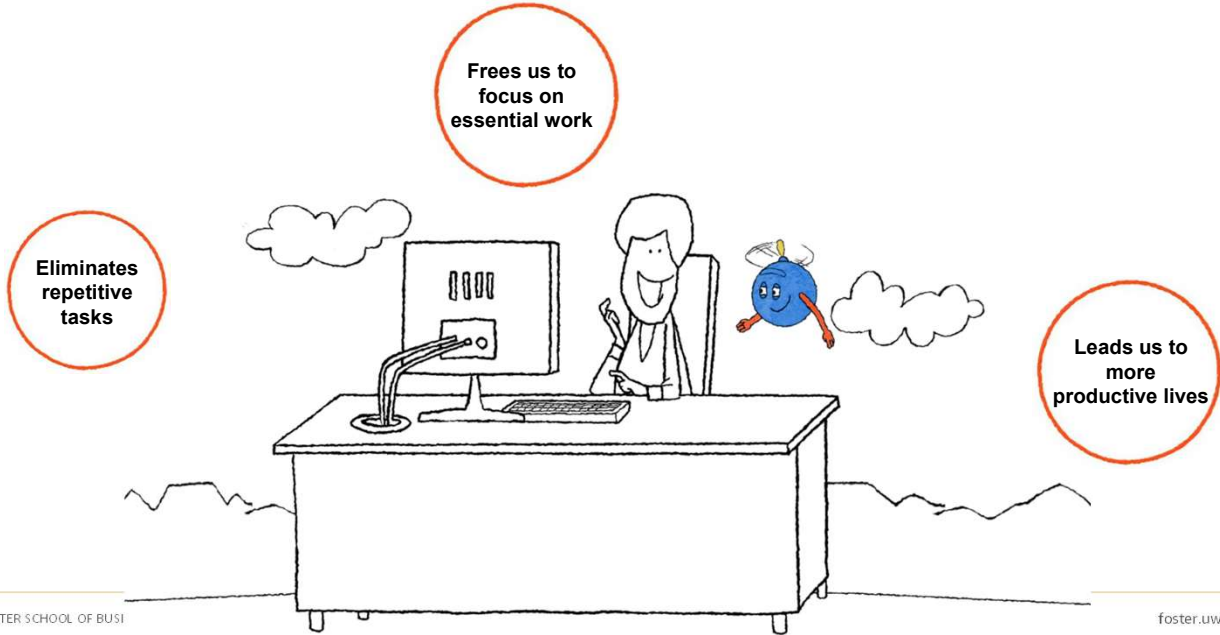


Hints:

- Automatic payments
- Automatic door locks
- Automatic elevators

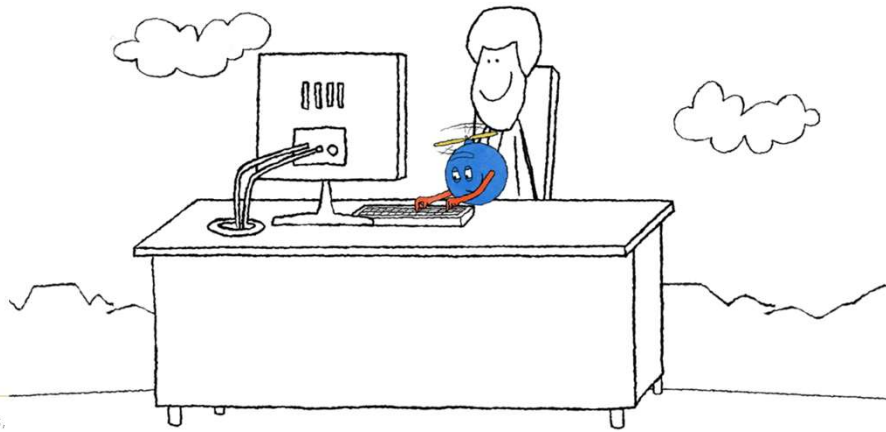


Automation...



What is automation?

- It involves leveraging technology, software, or machinery to carry out tasks.
- It minimizes or eliminates the need for constant human intervention.
- It allows processes to run smoothly and efficiently.



Why is automation such a game-changer?

It revolutionizes the way businesses and individuals operate.

It leads to increased efficiency and improved accuracy by reducing human errors and streamlining processes.



It takes over repetitive tasks allowing employees to focus on more strategic and creative responsibilities, leading to higher job satisfaction.

It allows organizations to cut costs, enhance scalability, and provide 24x7 operations..

Automation categories

With UiPath, there are a bunch of automation categories that can help you get things done faster and easier!



How can automation help me?

Here are four compelling reasons why automation can be a game-changer for your work life.

Job satisfaction

Enhanced opportunities



Skill development

Reduced stress

How can automation help my organization?

Here are six main reasons for your organization to embrace automation.



Common automation use cases

Let's explore six common examples of how automation can greatly benefit your work.



Payroll processing



Client information update



Contract renewal process



Financial statement reconciliation

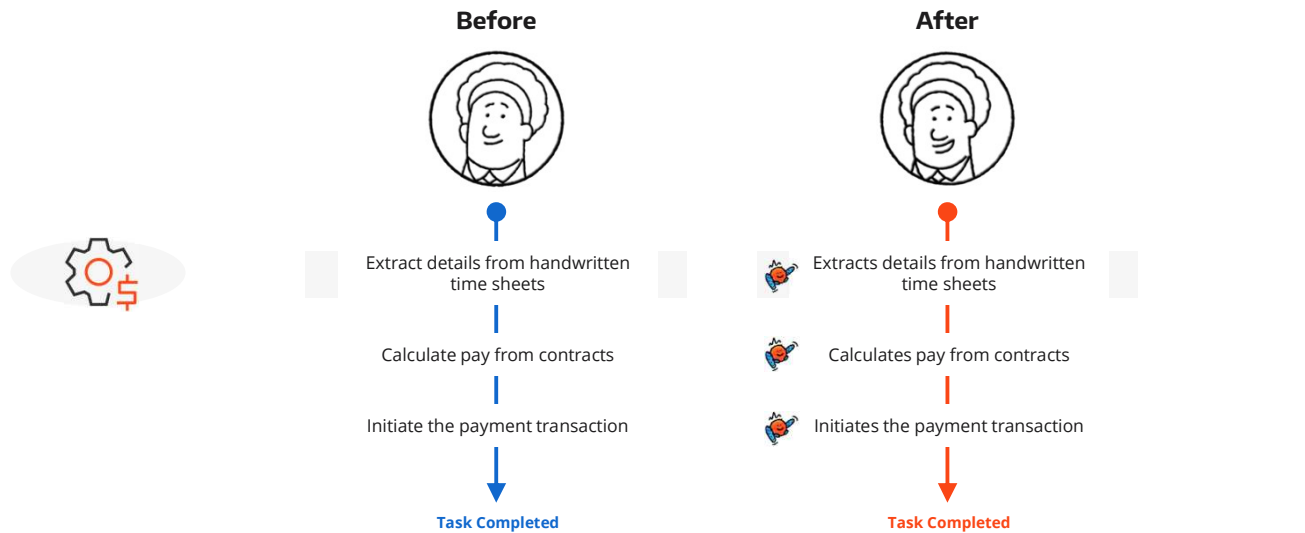


Compliance reporting

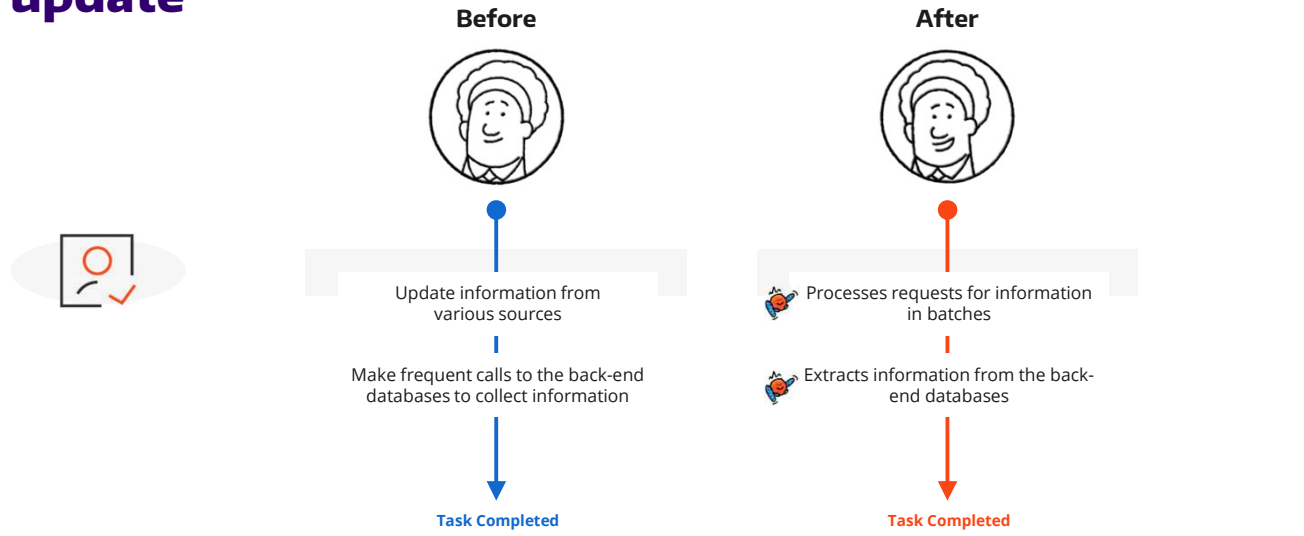


Customer complaint processing

Common automation use cases: payroll processing



Common automation use cases: client information update



Common automation use cases: contract renewal process



Before



Communicate with the client

Process the changes from the client

Draft the required documents

Update the changes in internal systems



Task Completed

After



Communicates with the client

Processes the changes from the client

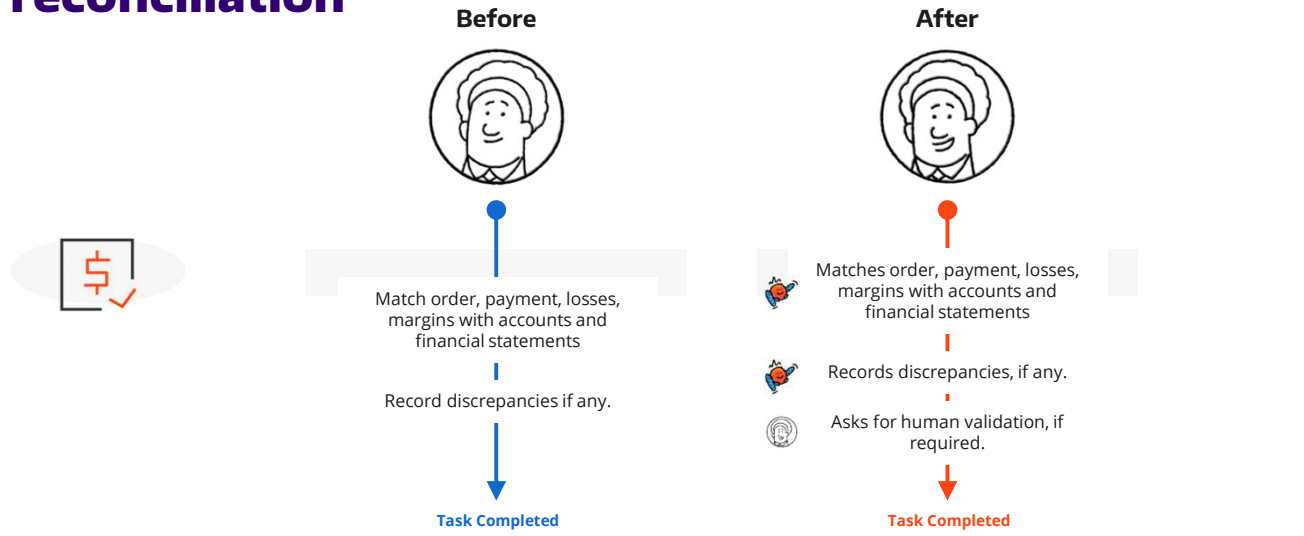
Drafts the required documents

Updates the changes in internal systems

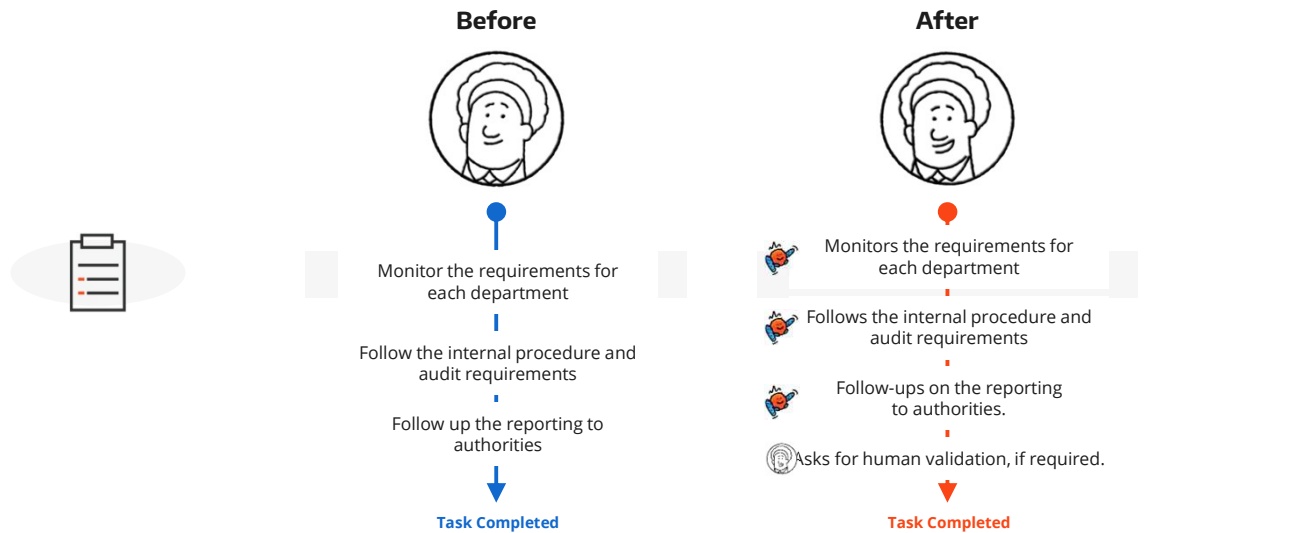


Task Completed

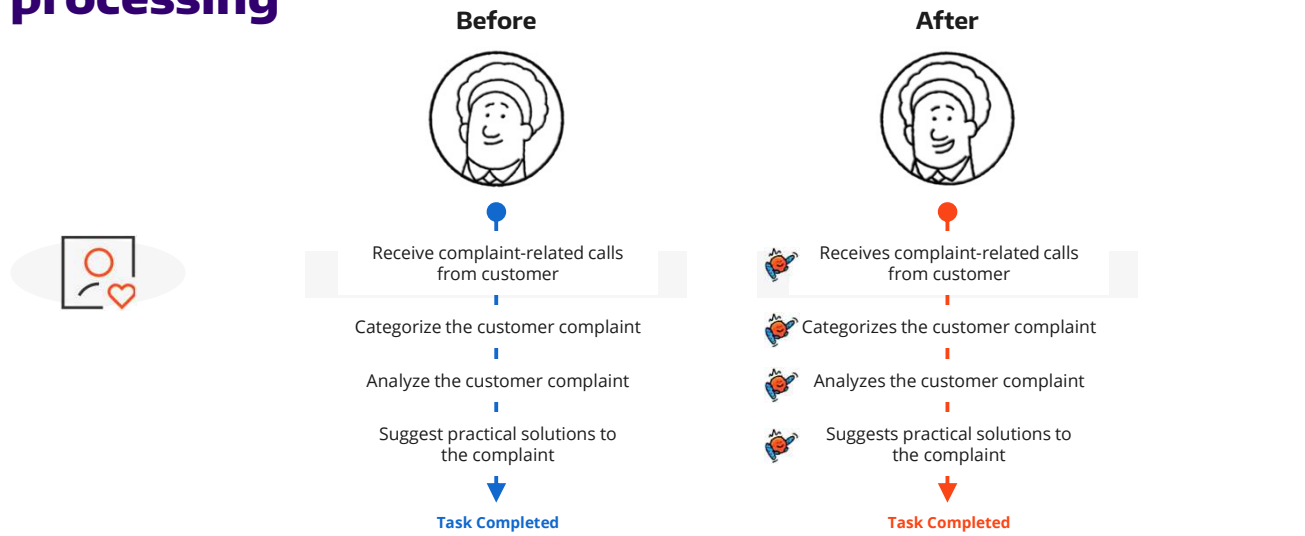
Common automation use cases: financial statement reconciliation



Common Automation Use Cases: Compliance Reporting



Common automation use cases: customer complaint processing



What will we do today?

- Review
- **Robotic Process Automation**
 - Introduction
 - **Different Automation Models**
- RPA with UiPath Lab
 - Overview of the Cloud Interface
 - Starter Templates
- Workshop/Lab time
 - Individual RPA Submission (30%)



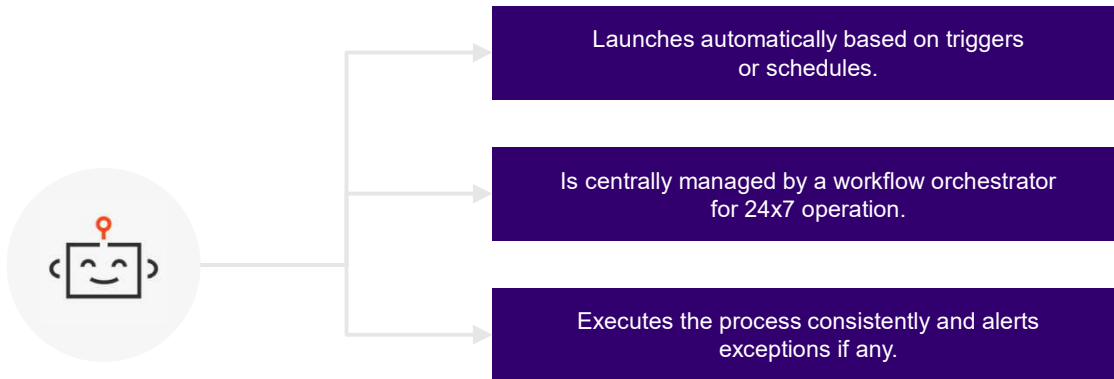
Automation models

There are six automation models tailored to meet a broad spectrum of automation needs.

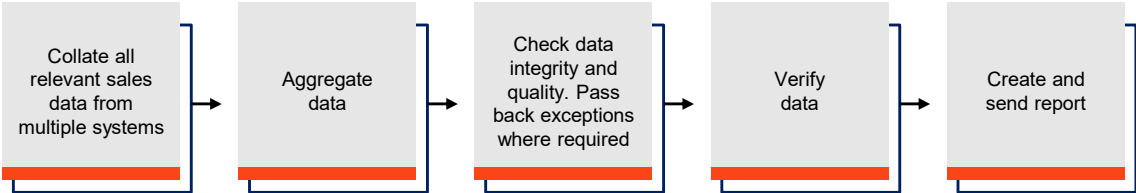


1. Fully unattended: What it does

In this automation model, the unattended robot:

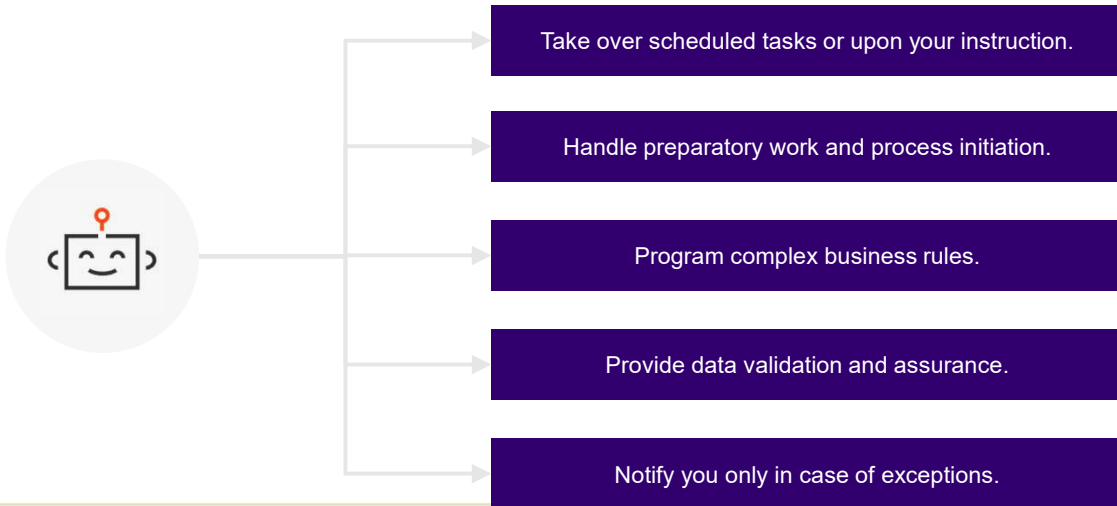


1. Fully unattended: A real-life scenario

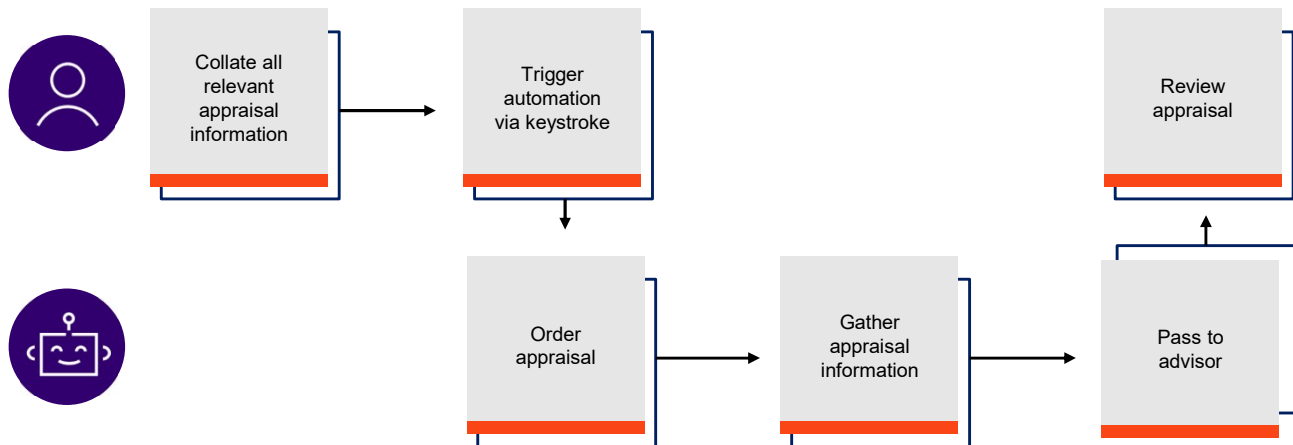


2. Partially unattended: What it does

In this automation model, the partially unattended robot can:

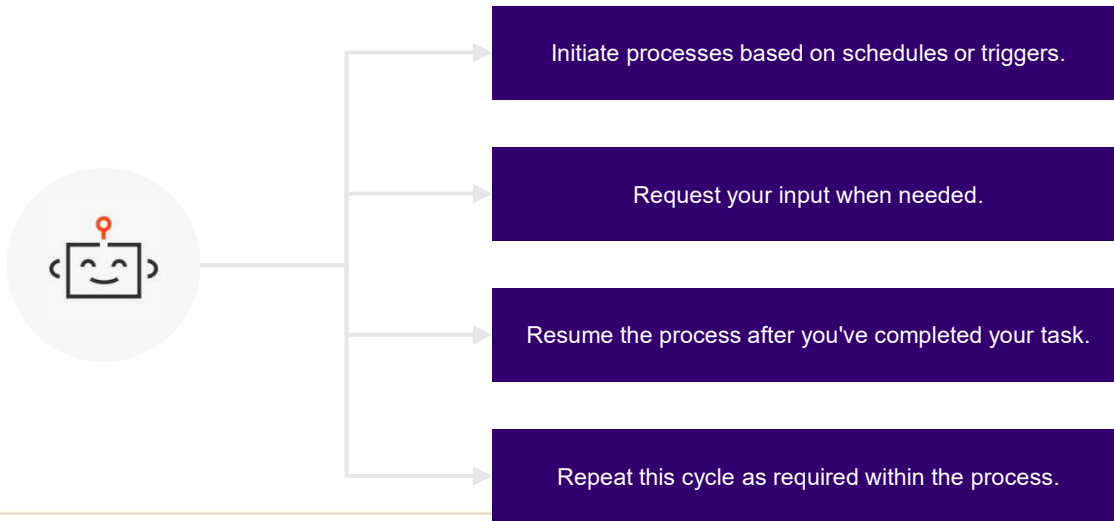


2. Partially unattended: A real-life scenario

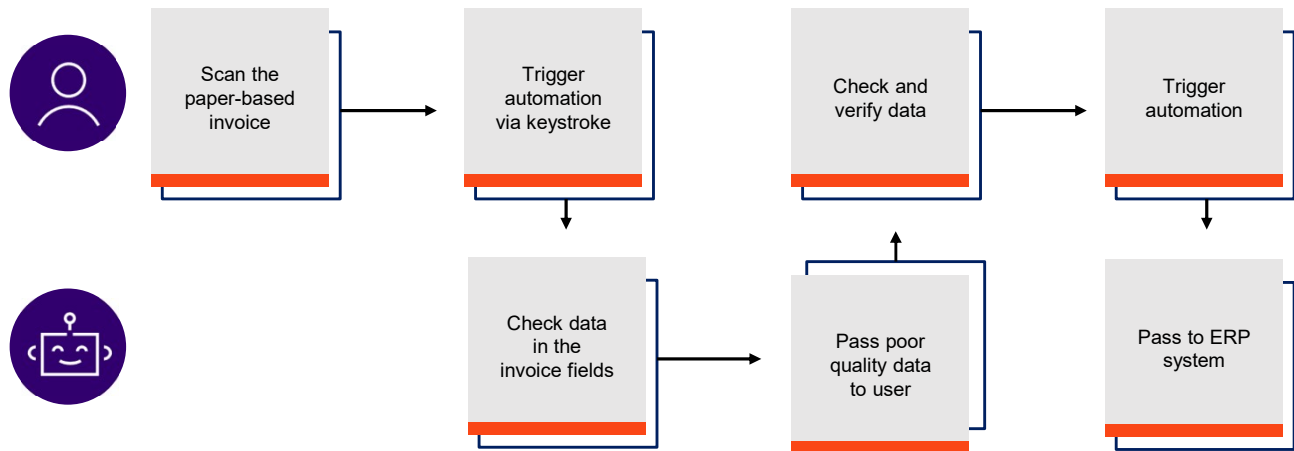


3. Human in the loop: What it does

In this model, the unattended robot can:



3. Human in the loop: A real-life scenario



Automation models

There are six automation models tailored to meet a broad spectrum of automation needs.

Model 1: Fully Unattended

Model 2: Partially Unattended

Model 3: Human in the loop



Model 4: Attended, interval

Model 5: Attended in tandem

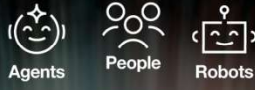
Model 6: Hybrid automation

What will we do today?

- Review
- Robotic Process Automation
 - Introduction
 - Different Automation Models
- **RPA with UiPath Lab**
 - **Overview of the Cloud Interface**
 - **Starter Templates**
- Workshop/Lab time
 - Individual RPA Submission (30%)



UiPath Agentic Automation



PROCESSES

Agentic orchestration | Process modeling | Process management | Process intelligence

WORKFLOWS

Agentic workflows | Human-in-the-loop | Agent testing

ACTIVITIES

Agentic activities | IDP
RPA & API | Forms & apps

FOUNDATION

Security & governance | Data & API integration | AI trust, context, models | Low-code & pro-code

Systems, Applications, & Data



What will we do today?

- Review
- Robotic Process Automation
 - Introduction
 - Different Automation Models
- RPA with UiPath Lab
 - Overview of the Cloud Interface
 - Starter Templates
- **Workshop/Lab time**
 - **Individual RPA Submission (30%)**



Task: Process Assessment tool

Run your idea through the process automation tool, make sure it is a good fit for RPA.

Submission checklist

- ✓ Build your RPA solution in UiPath Cloud Studio Web
- ✓ Save it as an *.uip or *.uis file (the three vertical dot menu next to the solution, choose **Download Solution**)
- ✓ Set up Zoom or other video software to record your video. Speak to the bot's purpose and benefits on camera with you visible, run the bot with screen being captured showing the bot operating.
 - ✓ Discuss any inputs or outputs required for the bot.
 - ✓ Use Efficiency (hours saved) and effectiveness (errors avoided).
 - ✓ Save your video recording locally.
- ✓ Download copies of anything required to run the bot (inputs etc).
- ✓ Zip all the files together (UiPath solution file, video, inputs).

Thank you

FOSTER
SCHOOL OF BUSINESS
W UNIVERSITY of WASHINGTON