Introduction
To UiPath

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Topics For Today's Class

What Is RPA?

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What Is RPA?

Robotic

An entity which has the capability to **mimic the human actions.**

What Is RPA?

Robotic

Process

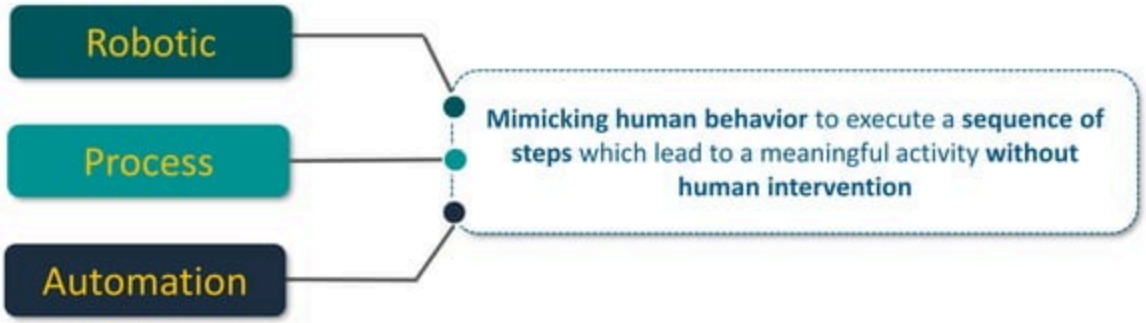
A **sequence of steps**, that lead to a meaningful activity or task is known as a process.

What Is RPA?

- Robotic
- Process
- Automation

Tasks happens automatically, i.e. **without human intervention.**

RPA Summary


Robotic
Process
Automation
Mimicking human behavior to execute a sequence of steps which lead to a meaningful activity without human intervention

RPA Tools

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RPA Tools

blueprism

AUTOMATION
ANYWHERE

UiPath

WorkFusion
Intelligent Automation

PEGA

Why UiPath?

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Comparison Between Top Tools

Features	UiPath	Blue Prism	Automation Anywhere
How will I practice?	Has a Community Edition/ Free Edition Available	No trial version available, have to purchase this tool to learn	Trial Version available, but expires after 30 days.
Learning Curve	Has a user friendly visual designer, hence easy to learn and implement	Has a visual designer, easier than Automation Anywhere	Developer Friendly- Requires Higher programming skills
Google Trends Popularity	Most Popular tool	More Popular than Automation Anywhere	Least Popular of the three

How To Install UiPath

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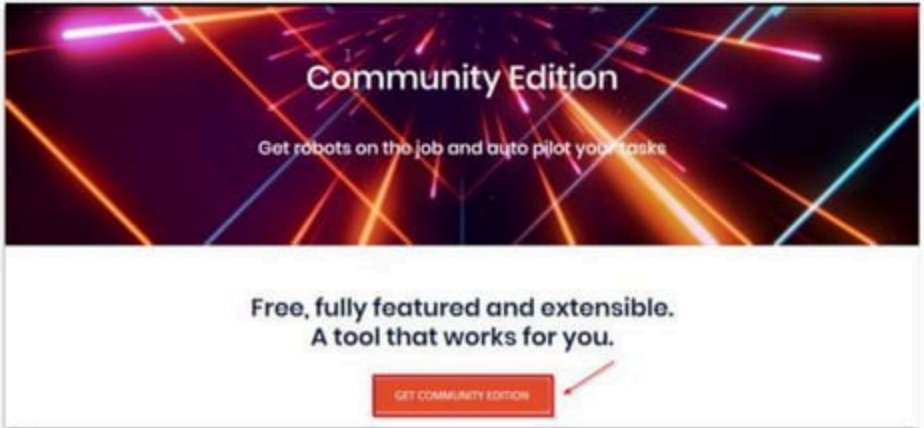
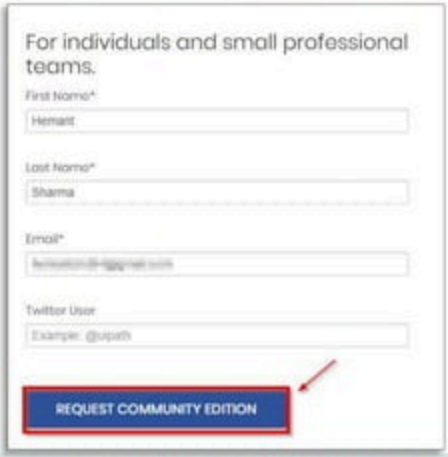
Installing UiPath

Go to the following link: https://www.uipath.com/community



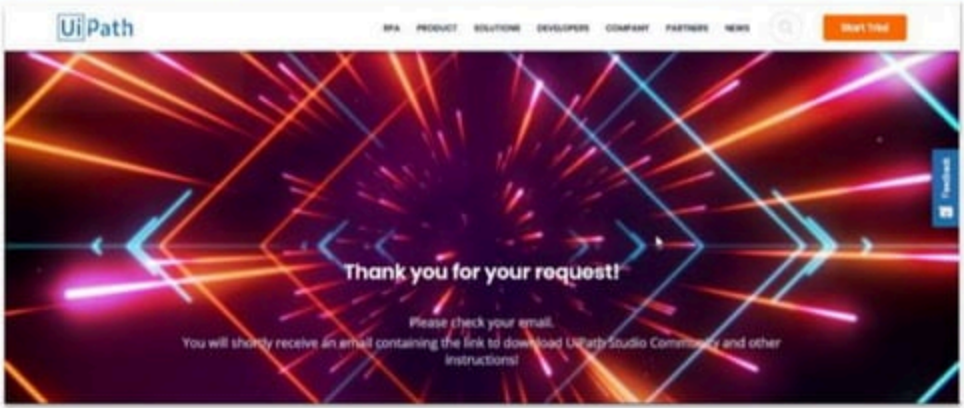
Installing UiPath

Fill in the details to register, and click on Request Community Edition



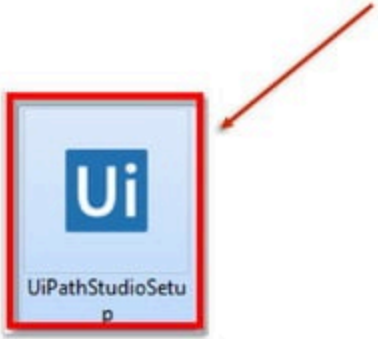
Installing UiPath

Open your registered email, to get the instructions to download UiPath



Installing UiPath

Double Click, on the downloaded file

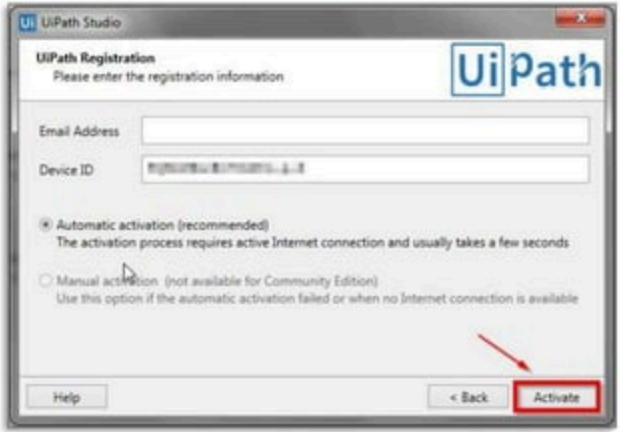


Installing UiPath

Setup will initialize, and in a few moments UiPath tool will open

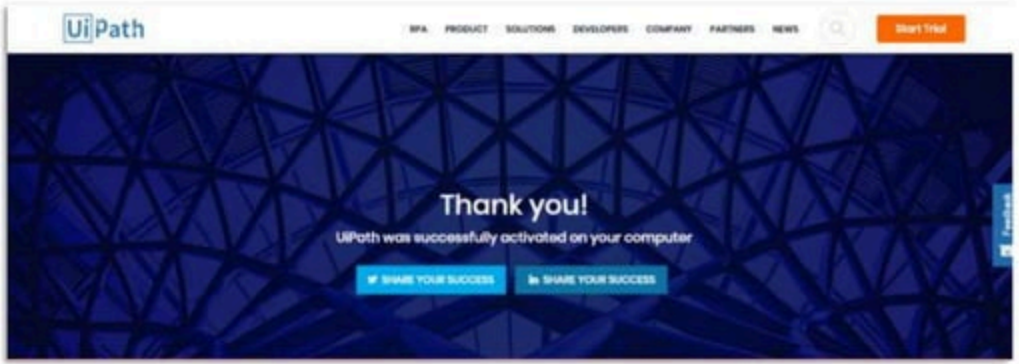
Installing UiPath

Enter the email address, with which you registered and click on Activate



Installing UiPath

Once installed, you will get this acknowledgement page stating the successful installation



Getting Started With UiPath

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Key Concepts Of UiPath

- Activities
- Sequence

Key Concepts Of UiPath

Activities

An activity is the smallest action in UiPath. For example: clicking the right button on mouse

Key Concepts Of UiPath

A sequence is a series of activities, that does a meaningful task.
For example: logging into your mail

Sequence

Type of Projects in UiPath Studio

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Types of Projects

- Blank
- Simple Process
- Agent Process Improvement
- Robotic Enterprise Framework

A **blank project** is a clean slate, you can build your projects from scratch over here.

Types of Projects

- Blank
- Simple Process
- Agent Process Improvement
- Robotic Enterprise Framework

Simple Process basically gives us a **template of a flowchart** i.e. a diagram of sequence of activities.

Types of Projects

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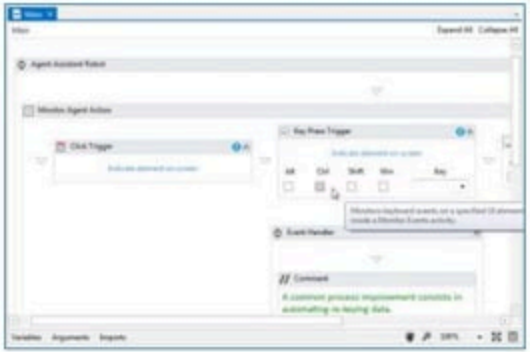
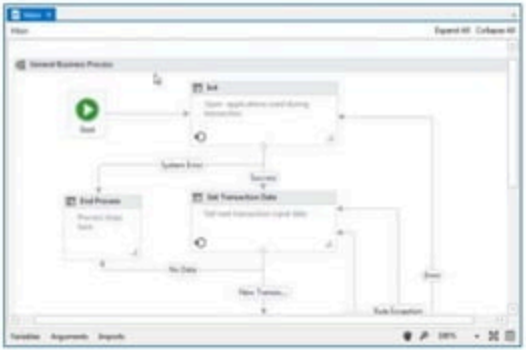
- Robotic Enterprise Framework



Agent Process Improvement assists the user by automating the tasks.

Types of Projects

- Blank
- Simple Process
- Agent Process Improvement
- Robotic Enterprise Framework



Robotic Enterprise Framework is used to define states in a project, which are useful in business processes.

UiPath Components

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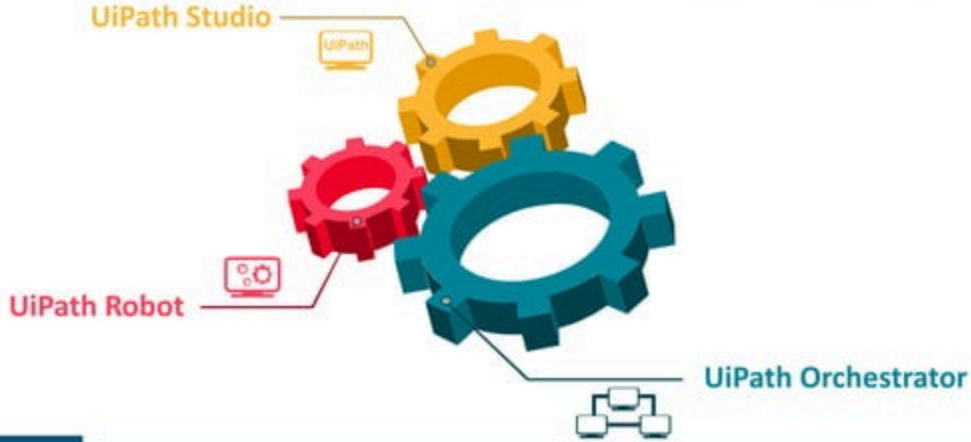
UiPath Platform Components

UiPath Platform consists of three main components



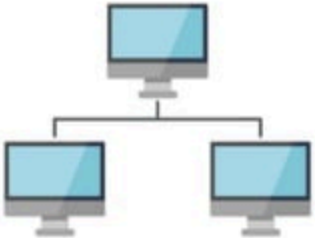
UiPath Platform Components – Studio

UiPath Studio

An advanced tool that enables you to design automation processes in a visual manner, using drag–and–drop functionality

UiPath Robot

UiPath Orchestrator



UiPath Platform Components – Robot

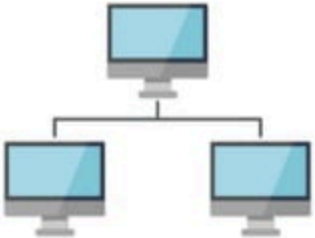
UiPath Studio

An advanced tool that enables you to design automation processes in a visual manner, using drag–and–drop functionality

UiPath Robot

Robot executes the processes built in Studio, just like humans

UiPath Orchestrator



UiPath Platform Components – Orchestrator

UiPath Studio

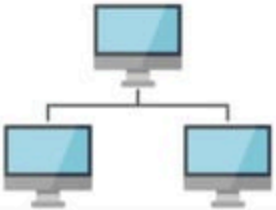
An advanced tool that enables you to design automation processes in a visual manner, using drag–and–drop functionality

UiPath Robot

Robot executes the processes built in Studio, just like humans

UiPath Orchestrator

Orchestrator is a web application that enables us to deploy, schedule, monitor and manage Robots and Processes



UiPath Studio Components

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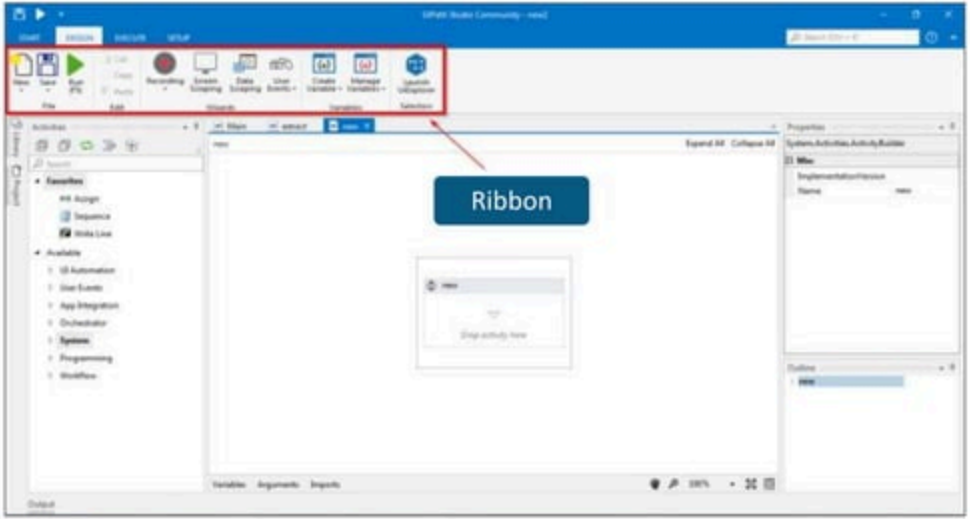
UiPath - Ribbon



UiPath – Ribbon Components

- Recording
- Scraping
- User Events
- Variables

UiPath's Recorder allows users to record UI mouse movements and keyboard activities to generate automation scripts.

UiPath – Ribbon Components

- Recording
- Scraping
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- Variables

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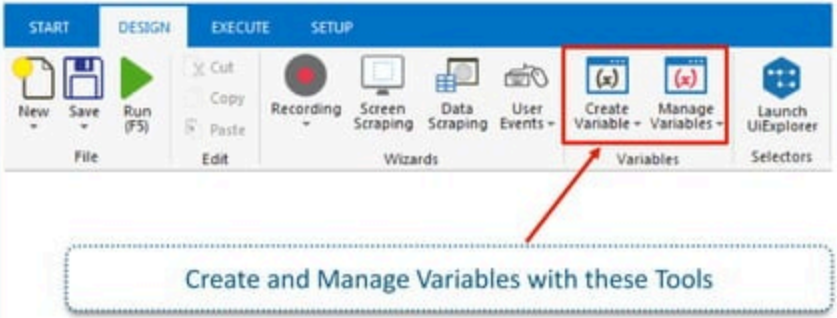
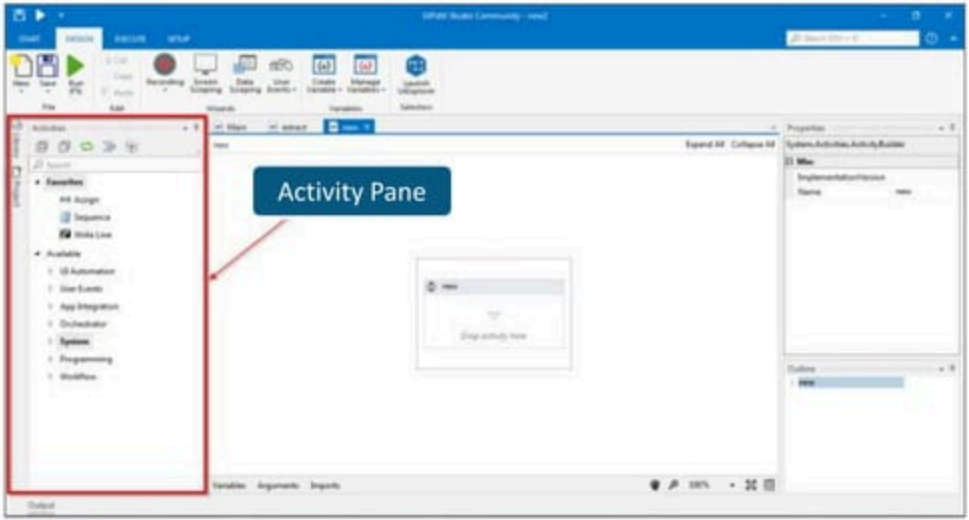


UiPath – Ribbon Components

Create New Files In Your Project

UiPath – Activity Pane



UiPath – Activity Pane Components

UI Automation

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UiPath – Activity Pane Components

UI Automation

User Events

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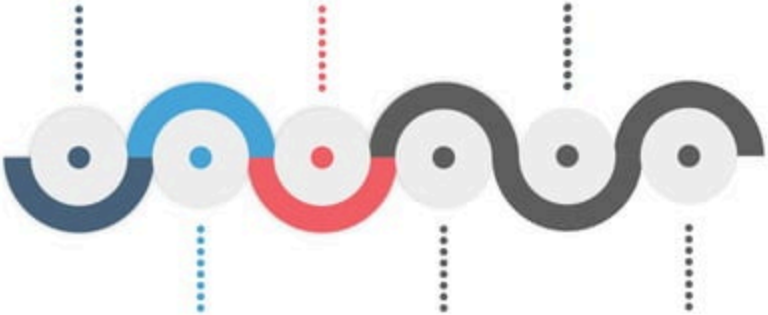
UiPath – Activity Pane Components

UI Automation

Orchestrator



User Events

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UiPath – Activity Pane Components

UI Automation

Orchestrator

User Events

System

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UiPath – Activity Pane Components

UI Automation

Orchestrator

Programming

User Events

System

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UiPath – Activity Pane Components

UI Automation

Orchestrator

Programming

User Events

System

Workflow

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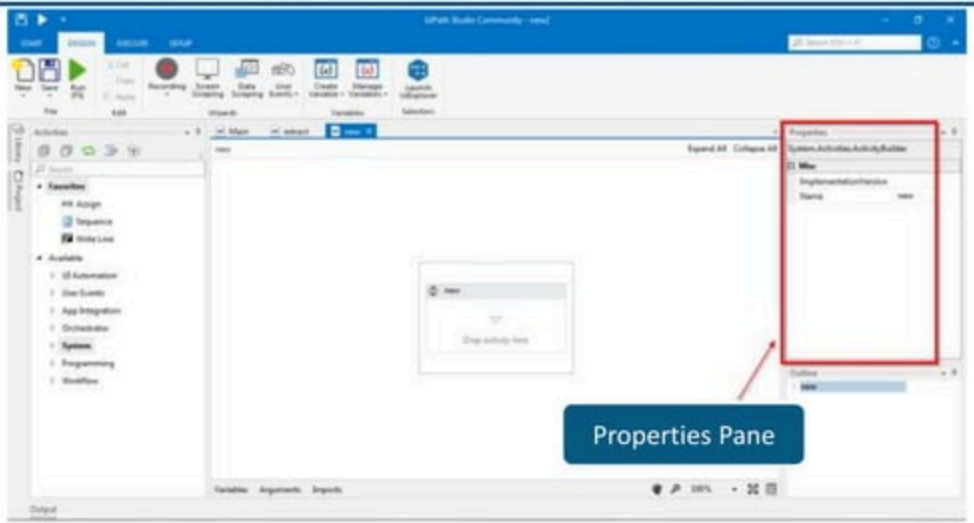
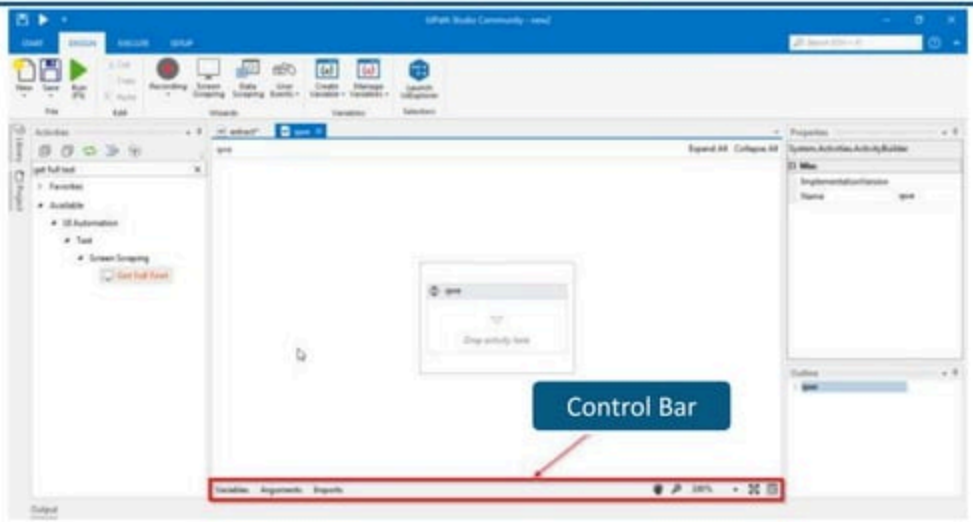
UiPath – Properties Pane Components



UiPath – Control Pane Components



Thank You

For more information please visit our website
www.edureka.co