



Building Intelligent AI Agents with These Key Components

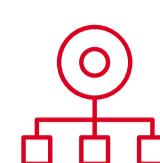
01.



Natural Language Processing (NLP)



Enables agents to understand and generate human language



Uses LLM for text processing, summarization, translation, and classification

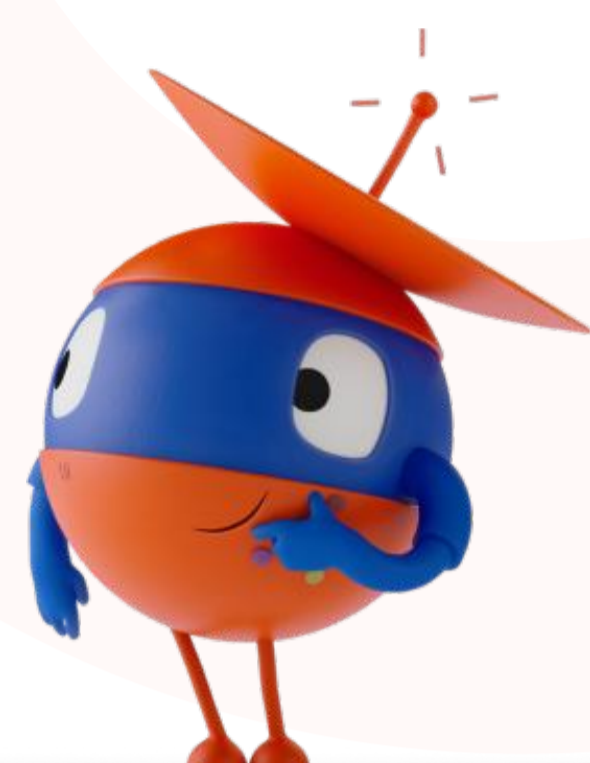
UiPath Agents Use Two Types of Prompts



System Prompt: Defines the agent's role, objective, and instructions



User Prompt: User's request that triggers the agent's response



Example: A travel planning agent with prompts to generate a detailed itinerary

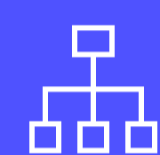
02.



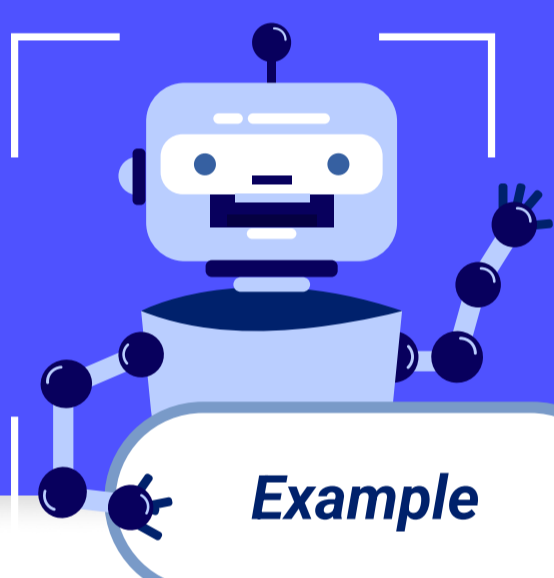
Context Grounding



LLM provides general responses based on vast data



Custom documents help agents provide organization-specific answers



Providing company leave policies instead of generic responses

03.



Tools & Integrations

Agents can interact with other systems for actions like:



Automating workflows



Retrieving data from records



Sending emails

Example: A travel agent emailing itineraries using an automation process

04.



Human Escalations & Learning



Agents escalate complex decisions for human approval



Over time, they learn from human responses for better decision-making

Example: An agent learns how to approve leave requests based on human input

Get started today with expert guidance!

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