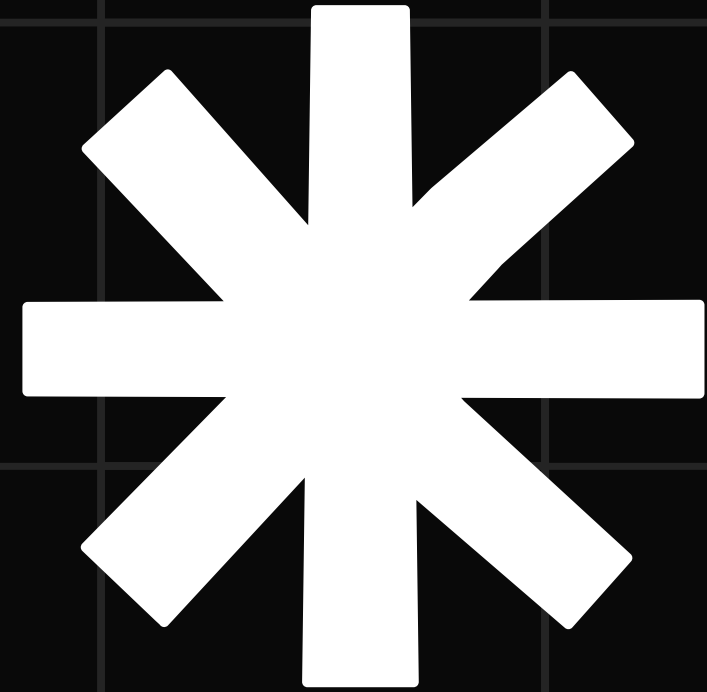


What is....



# Prompting Engineer?

Presented by Simeon



### System Prompt:

Sets the behavior and tone of the AI. Think of it as the "character settings" or job description. **Example:** "You are a helpful customer support assistant who answers clearly and politely."

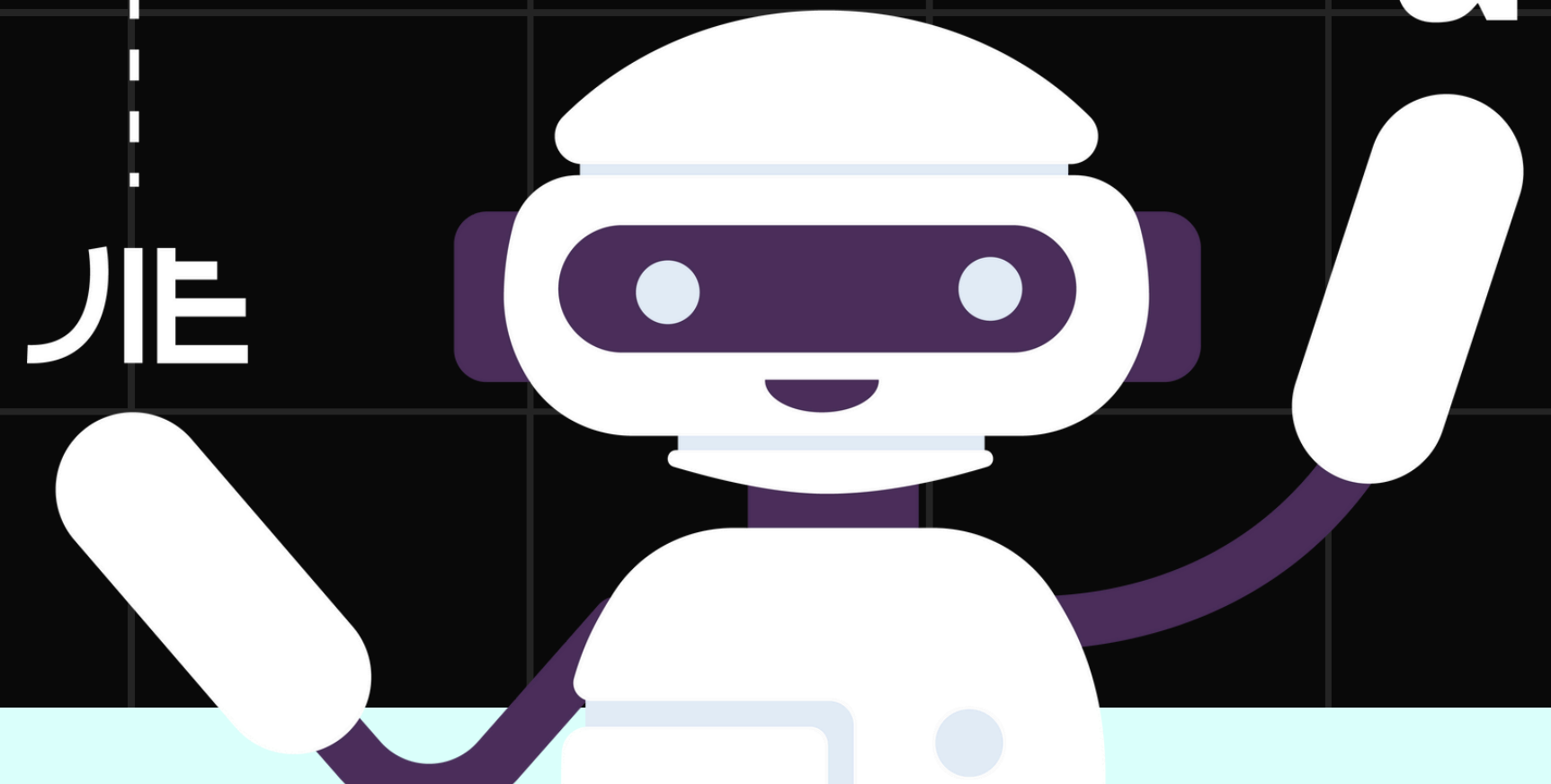
### User Prompt

This is the task or question the user wants help with. It drives the model's response. **Example:** "Summarize this support ticket in one sentence."



### Message History

The previous messages exchanged between the user and the AI. It provides memory and context for coherent replies. **Example:** Previous questions, answers, or corrections.

# Structure under the hood of a Prompt



markdown

 Copiar  Editar



System: (sets the model's behavior and role)

User: (previous user message)

Assistant: (model's previous response)

User: (current message triggering a new response)

markdown

 Copiar  Editar

System:

You are a helpful and concise medical assistant. Always respond with factual information,

User:

Can you explain what hypertension is?

Assistant:

Hypertension, also known as high blood pressure, is a condition in which the force of the

User:

Can it be cured permanently?

# Differences between prompting in workflow and talking with ChatGTP

In a chat interface like ChatGPT, you can clarify, rephrase, or guide the model interactively. But in automated workflows—like those built in n8n—your prompts must work autonomously, without any human-in-the-loop.

## **No second chances:**

Agents can't ask follow-up questions. The prompt must be self-sufficient and unambiguous.

## **Arbitrary inputs:**

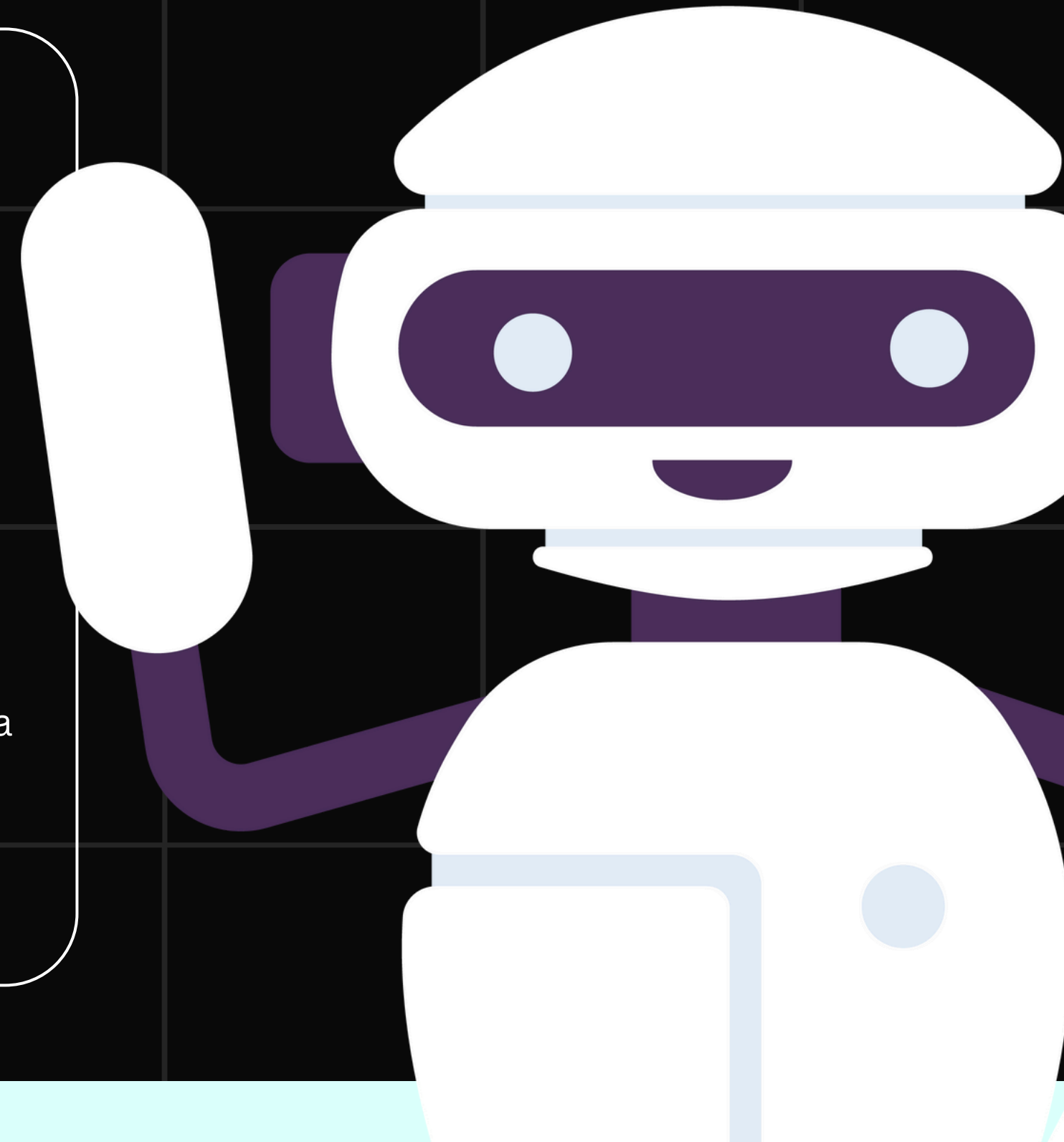
The data can come from emails, databases, APIs... it's unpredictable. Your prompt must handle edge cases gracefully.

## **Structured outputs required:**

Unlike casual chat, the AI must respond in a specific format—like clean JSON, tags, or defined fields—that other nodes can process.

## **No forgiveness in production:**

A poorly written prompt might send a wrong classification, trigger the wrong webhook, or even email the wrong person. One token off, and your pipeline could break.





\*\*\*

# Our Template

Simeon Course

