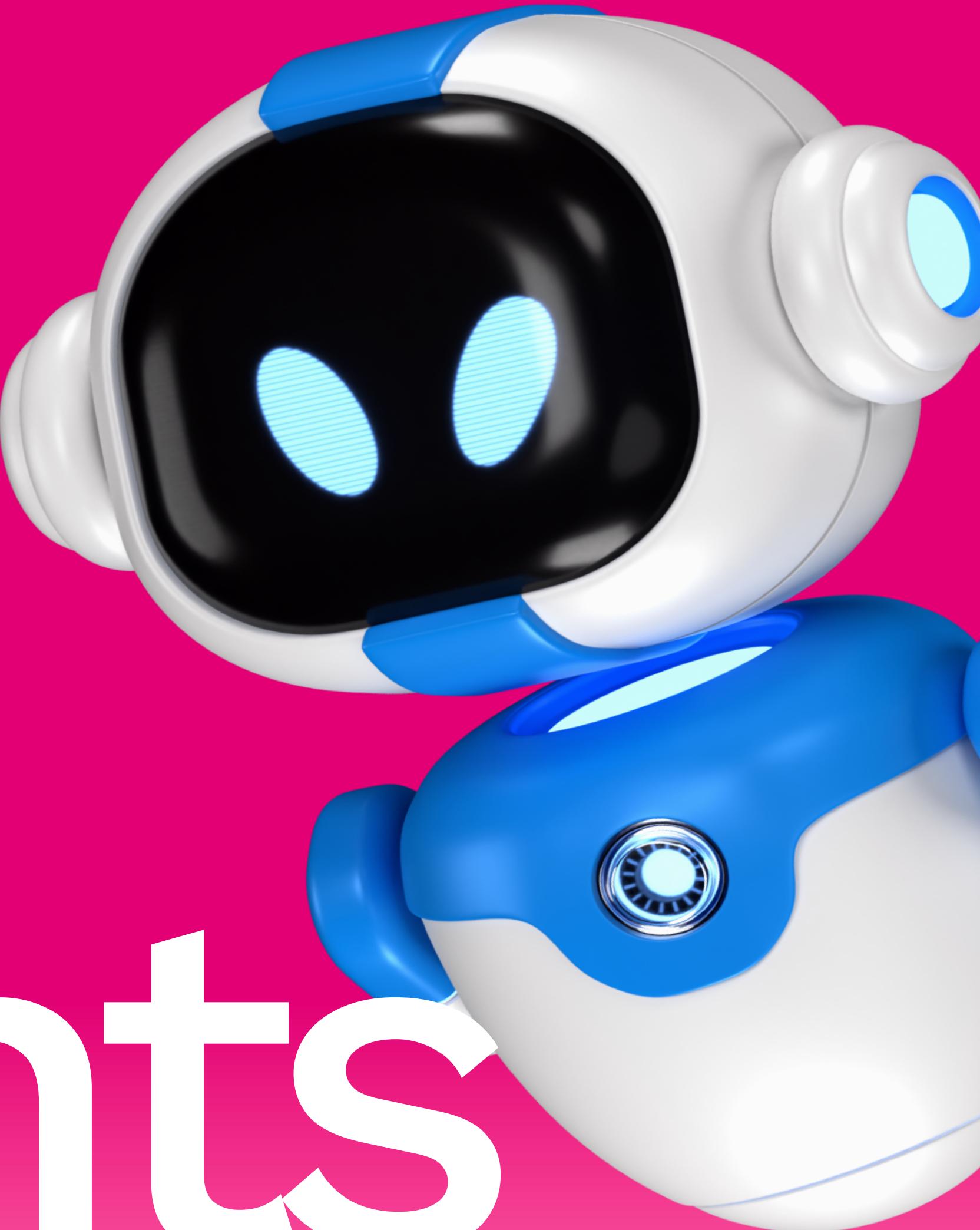


# T Systems

Let's power higher performance

# LLM Agents



# Chat GPT

ChatGPT v

How many 'r' in 'strawberry'?

The word "strawberry" has two 'r's.

Message ChatGPT

# Meet the Team

## Our Mission

Share AI knowledge and experiences

Generate new AI ideas

Excite others about AI's possibilities

Enhance competitive advantage with AI



Alexander Stiefel



Rania Rojbi



Lincoln Bacchus



Yuliia Kruhlyk



Lars Jonuscheit

# 01

## What are LLM Agents? | Methods of Prompt Engineering

01

**RAG**  
(Retrieval Augmented  
Generation)

02

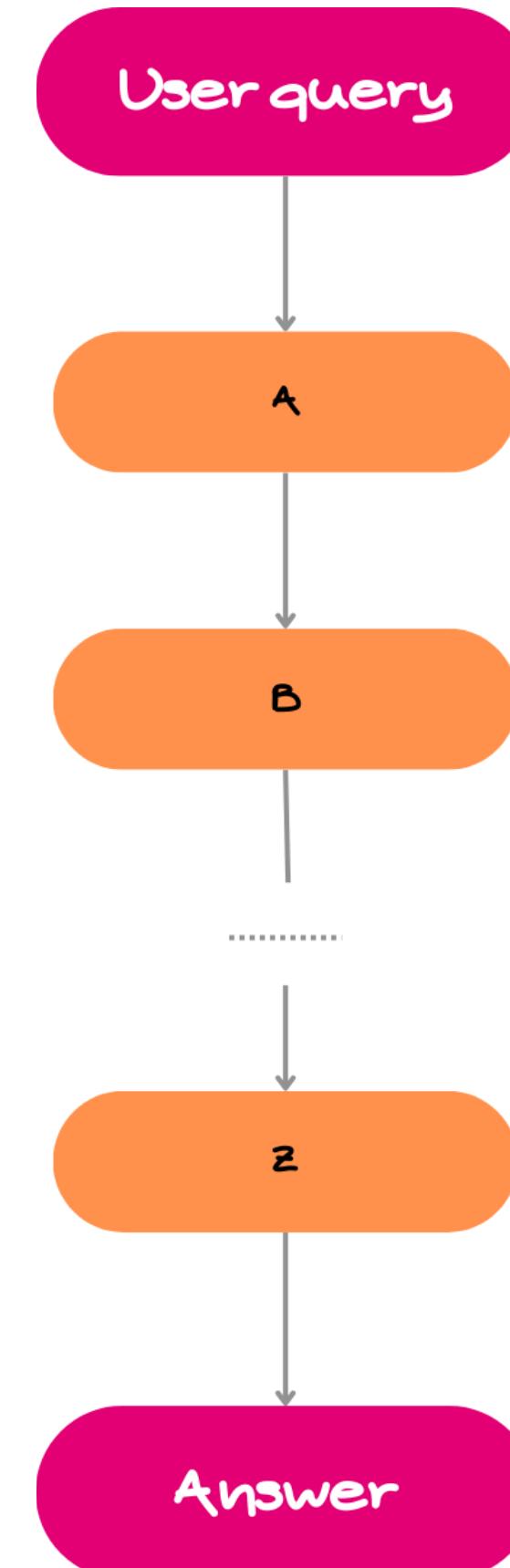
**CoT**  
(Chain of Thoughts)

03

**ReAct**  
(Thought, Action  
and Observation)

# 01

## What are LLM Agents? | CoT



ChatGPT

How many 'r' in 'strawberry'

A: There are 2 'r's in the word "strawberry."

Q: How many 'r' in 'raspberry'?

A: First, I have to spell out the word : 'r', 'a', 's', 'p', 'b', 'e', 'r', 'r', 'y'. Now I can give every 'r' one point: 1, 0, 0, 0, 0, 1, 1, 0 Now I can add:  $1 + 0 + 0 + 0 + 0 + 0 + 1 + 1 + 0 = 3$  The answer is 3.

Q: How many 'r' in 'strawberry'?

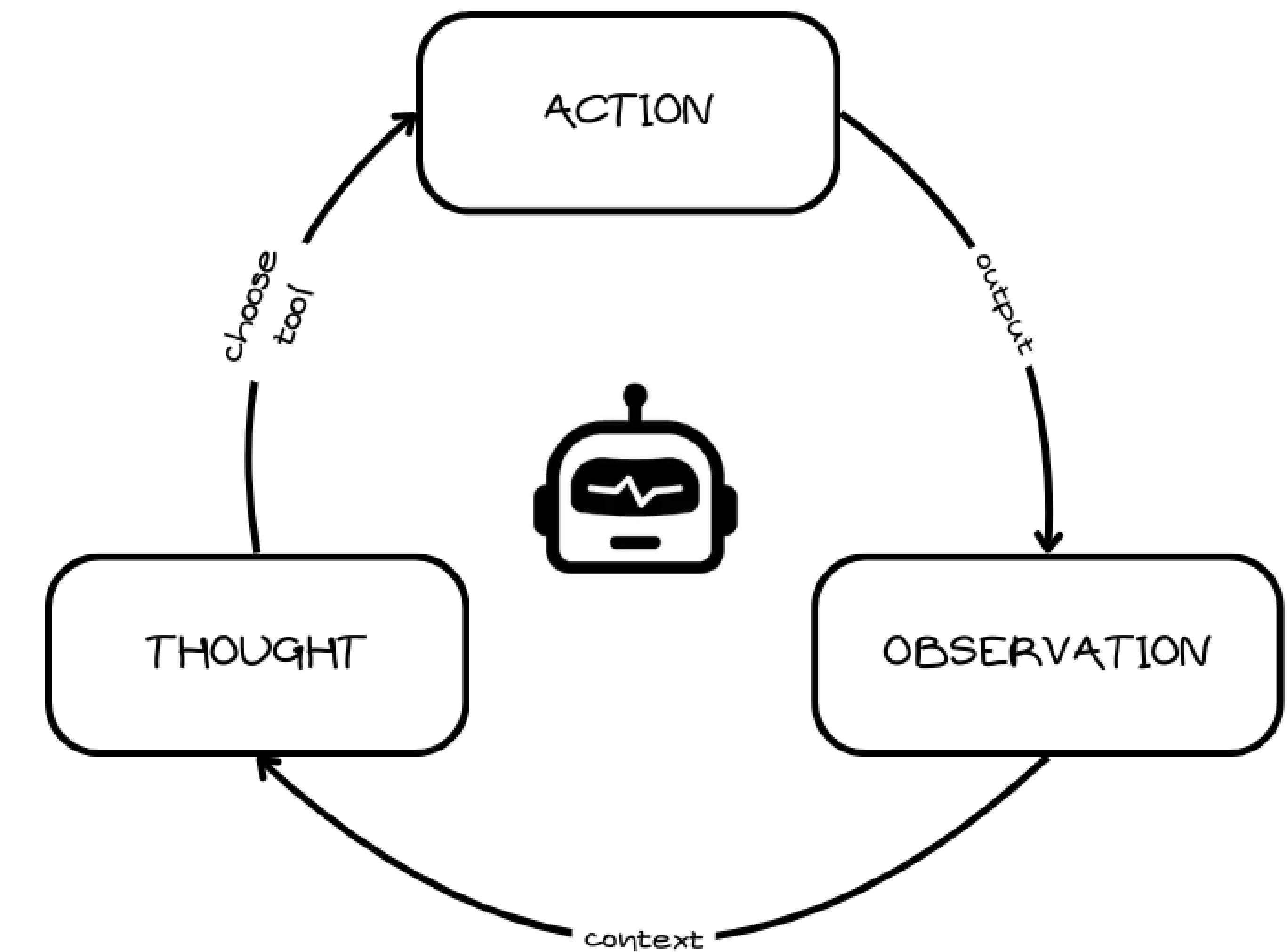
A: First, I have to spell out the word: 's', 't', 'r', 'a', 'w', 'b', 'e', 'r', 'r', 'y'. Now I can give every 'r' one point: 0, 0, 1, 0, 0, 0, 0, 1, 1, 0 Now I can add:  $0 + 0 + 1 + 0 + 0 + 0 + 0 + 1 + 1 + 0 = 3$  The answer is 3.

Message ChatGPT

ChatGPT can make mistakes. Check important info.

# 01

## What are LLM Agents? | ReAct



02

## Demo| Agents frameworks

01

AutoGen

02

CrewAi

