



Microsoft AI Tour





Build a multi-tasking assistant with Azure OpenAI

Jaime de Mora



Meet the team



**Jaime de
Mora**

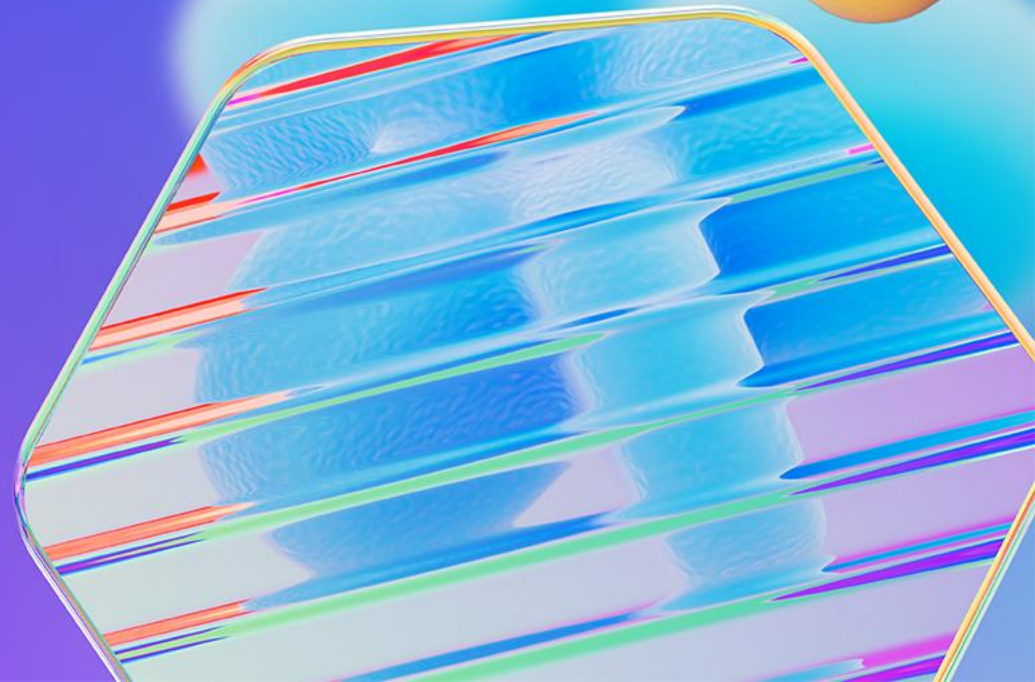


Sara Lammini



**Kiko De
Ángel Gimeno**

What are we building?



Context:

Traditional LLM Applications

LLMs are great for knowledge generation and are pre-trained on large amounts of public data.

Common use cases include:

- ✓ Question and Answering
- ✓ Text Generation
- ✓ Summarization

Context:

How do we make LLM apps real and useful to organizations?



Getting app to
work with various
real-world inputs

Evaluation techniques,
prompt engineering



Debugging and
understanding
failures

Tracing and debugging,
local and production



Setting up and managing
production infrastructure
automation

Infrastructure templates,
environments, and developer CLI

Introducing Contoso Creative:

Multi-tasking Assistant



Goal:

Write an article that markets relevant products from online retailer Contoso Outdoors

Task 1:

Research trending outdoorsy topics online

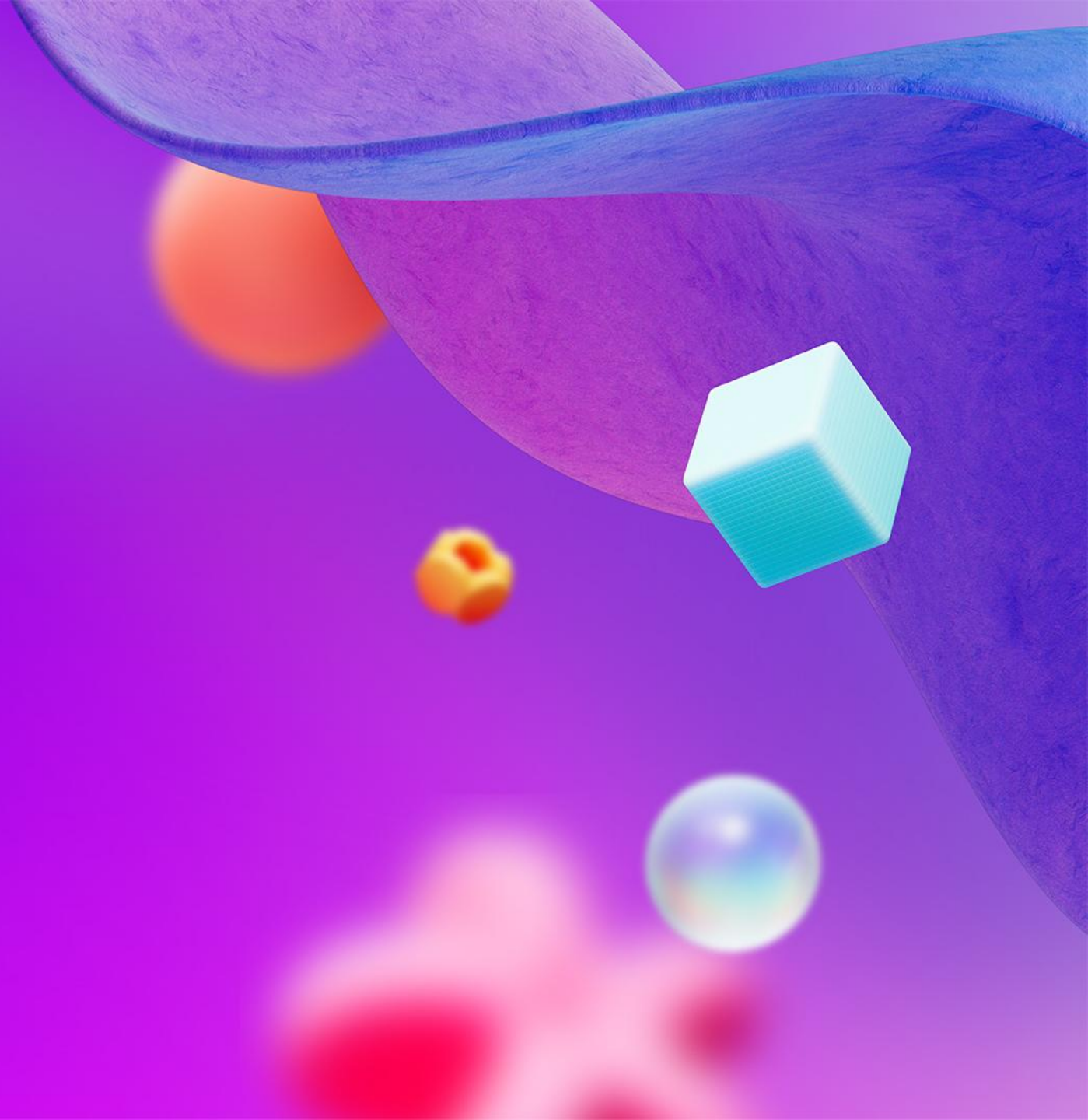
Task 2:

Find relevant products to include

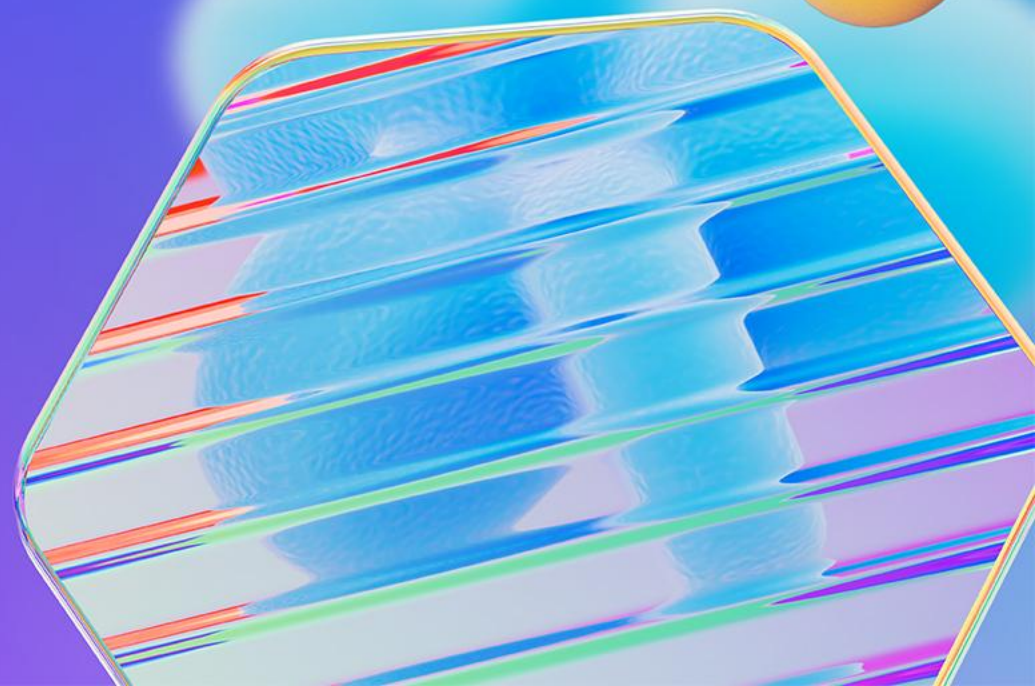
Task 3:

Edit and improve the article so it is ready to publish

Demo



How does the assistant work?



Contoso creative is an agentic application

An AI agent is a computer program or system that can:



Perceive its environment

e.g., interact with user input or feedback from another program



Decide

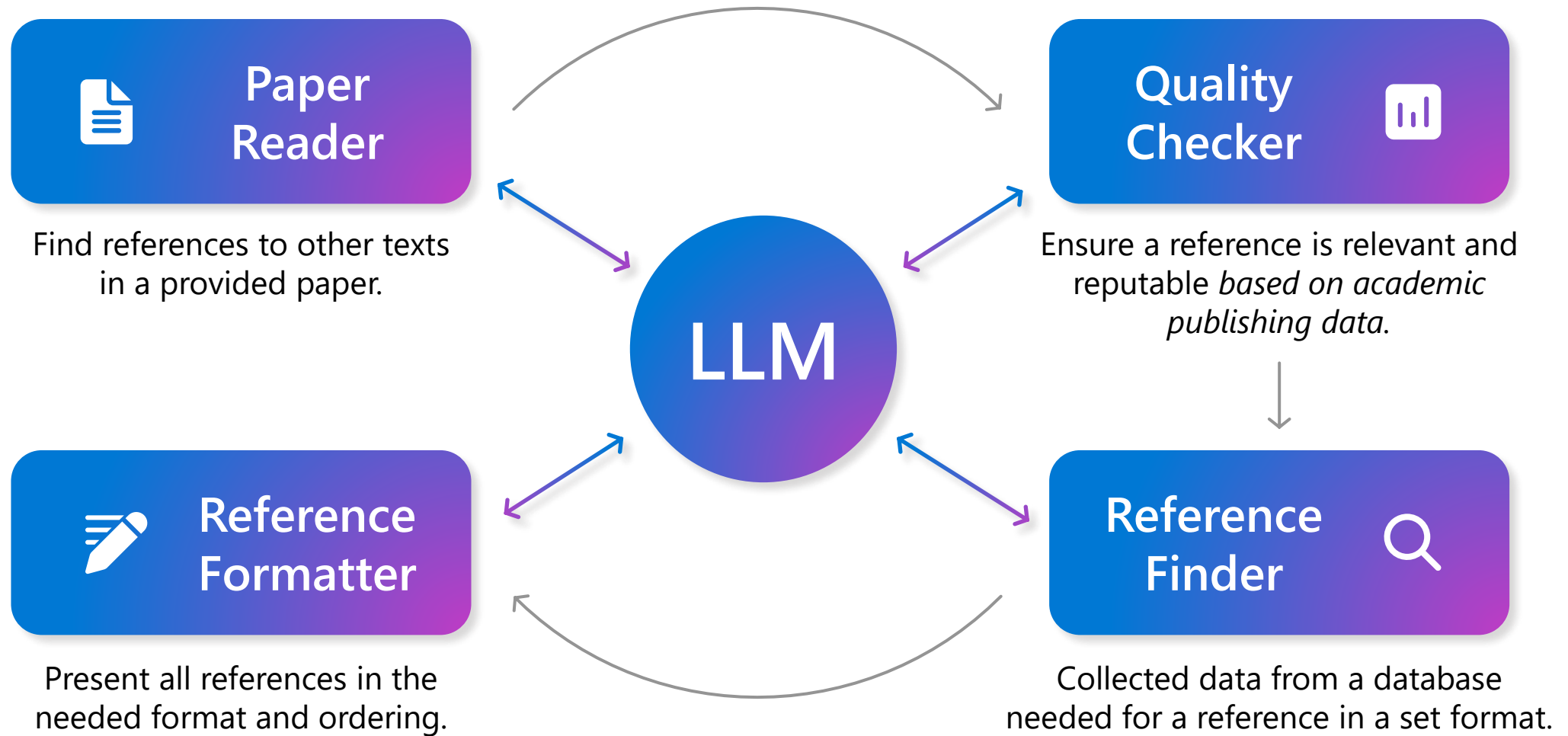
e.g., choose which function to call based on user input



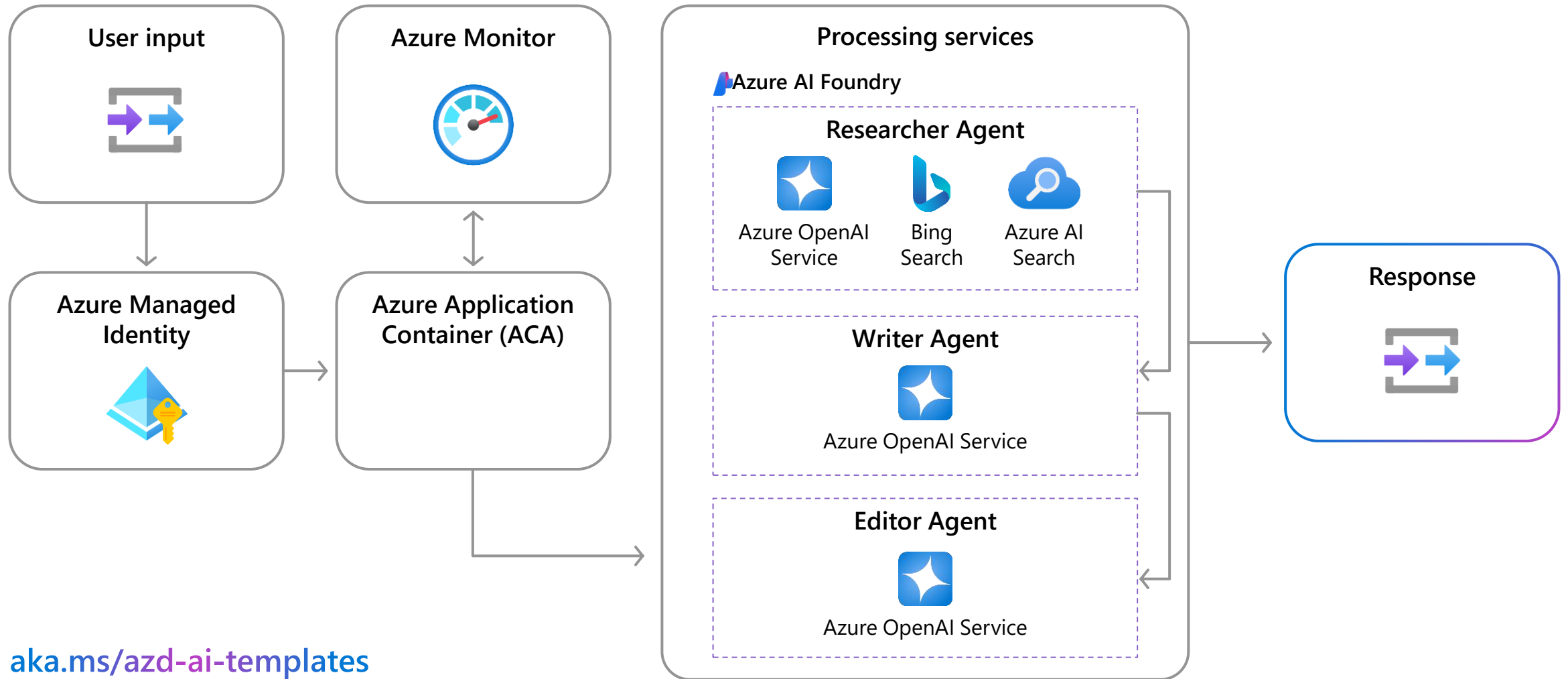
Take an action to achieve a goal

e.g., calling the function and returning the results

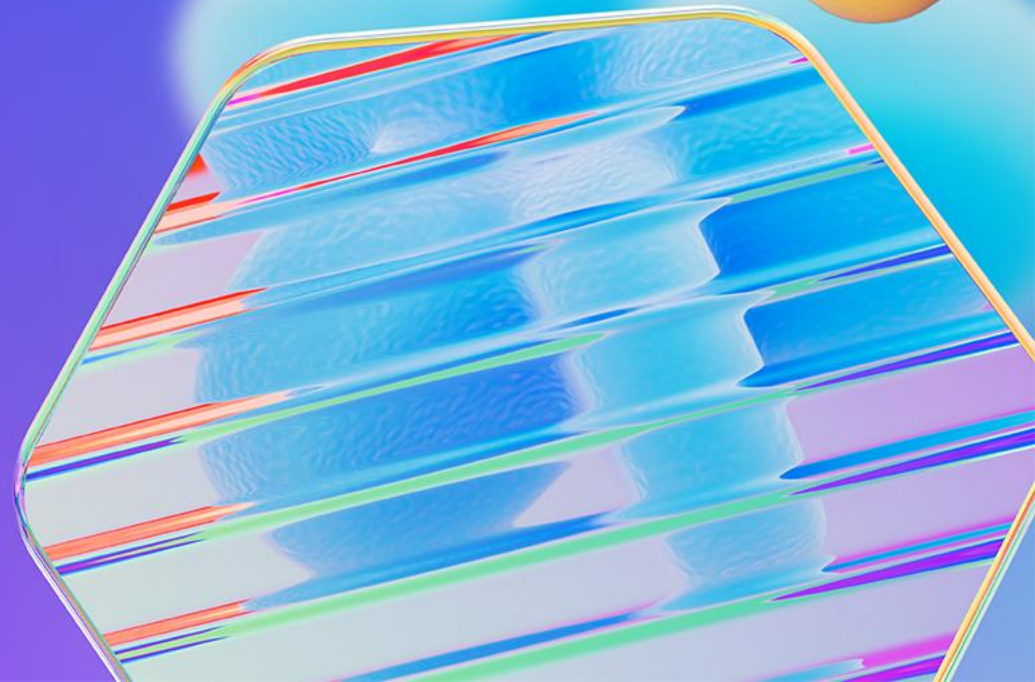
Agentic Applications have LLM based control flow



Contoso Creative: Multi-agent creative writing copilot



Session Goals



Implement a real world LLM lifecycle

Understand agents
and prompt
engineering with
Prompty

Utilize tracing for
debugging and
observability

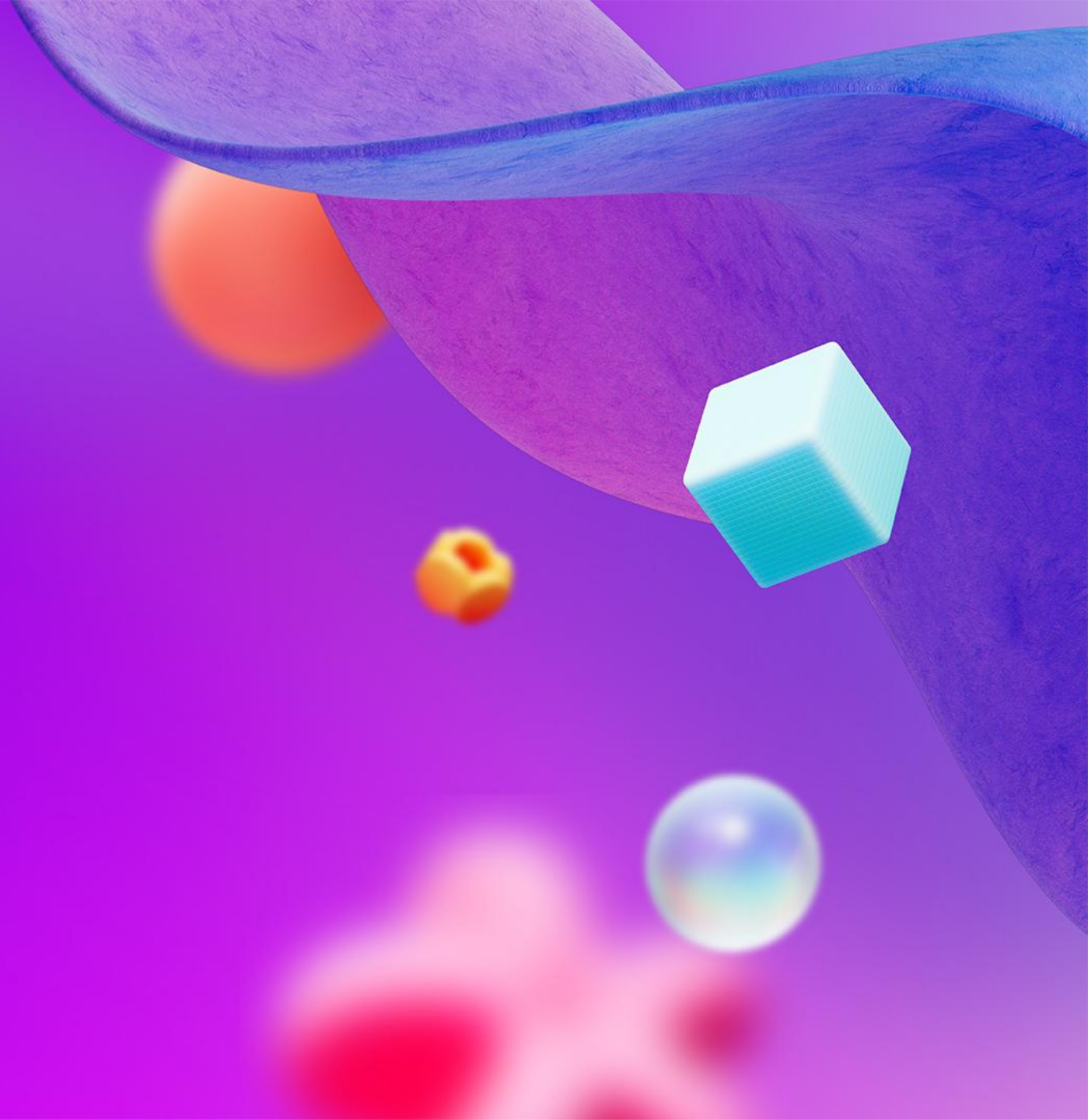
Build and run
Constoso Creative

Set up automated
evaluations with
GH Actions

First steps

- 1 Navigate to [Azure-Samples/agent-openai-python-prompty: A creative writing multi-agent solution to help users write articles. \(github.com\)](https://github.com/Azure-Samples/agent-openai-python-prompty)
- 2 Fork the repository
- 3 Open a new Codespace against your fork
- 4 Open the 'docs/workshop' folder and follow the instructions in the Readme file of that folder

Wrap Up



Thank you for attending this session

Template:

github.com/Azure-Samples/agent-openai-python-prompty

Prompty:

prompty.ai

AI Foundry:

[Azure AI Foundry](#)