



Where to find me

# Build a Multi Agent System

## Using OpenAI Agents SDK

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# About me

# Aniket Maurya

- Deploying and scaling AI systems in production for 6+ years.
- Built LitServe, an open-source ML serving engine (⭐ 3.6k+ GitHub stars).
- Ex Research Engineer & Developer Advocate at Lightning AI ⚡
- Currently building Celesto AI.



# **What is an AI Agent?**

**LLMs with Higher Autonomy**



# AI Agents

- ChatGPT is the best example of an AI Agent.
- It can access web search, check weather, and run code.

ChatGPT 5 ⓘ      ⓘ Temporary Chat ⓘ

How is the weather in London this weekend?

☁️	Thursday	63° 51°	Sun followed by increasing clouds in the morning followed by afternoon low clouds
☁️	Friday	65° 50°	After a cloudy start, sunshine returns
☀️	Saturday	63° 51°	Some sun

This weekend in London looks fairly pleasant:

- **Friday:** cloud early, then sunshine — high around 18 °C, low ~ 10 °C
- **Saturday:** some sunshine — high ~ 17 °C, low ~ 11 °C

Would you like more detail (hourly forecast, rain chances, wind) for a particular day?

□ ⏪ ...

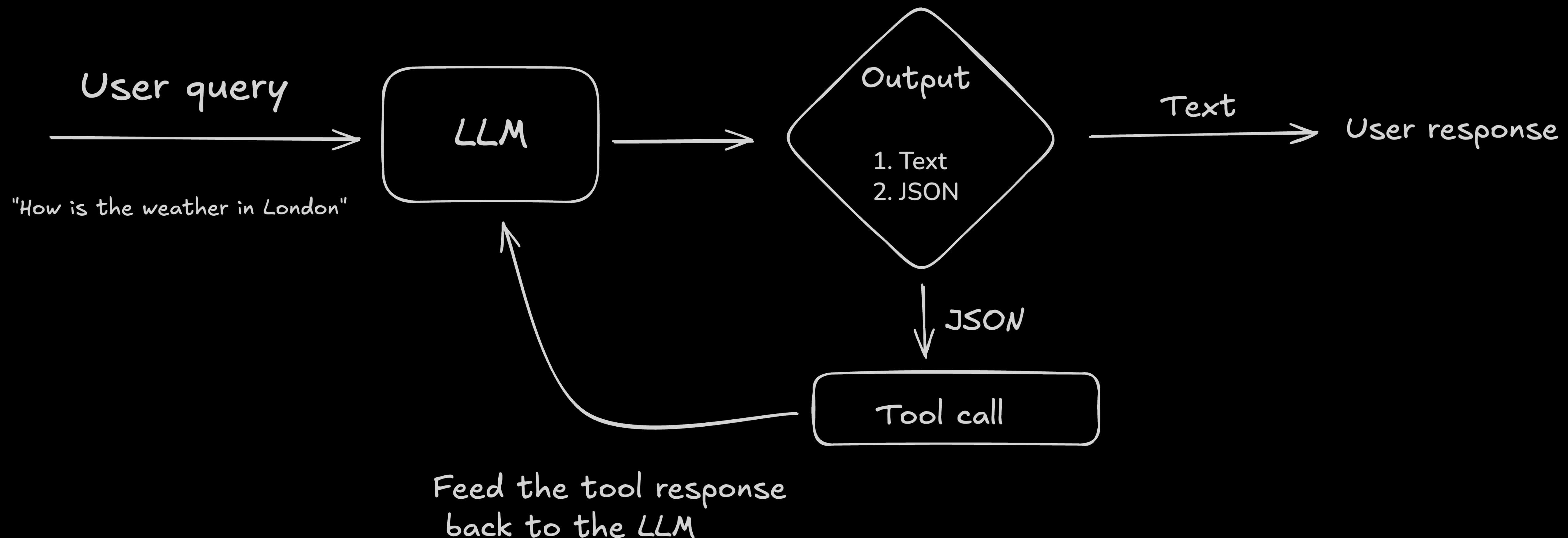
+ Ask anything      ⓘ ↑

ChatGPT can make mistakes. Check important info. See [Cookie Preferences](#).

# LLMs with Autonomy

- Checked the date range.
- Performed weather check via an API.
- Responded in a simple language.

# “Agent = LLM Loop + Tool”



# Code walkthrough

Show > Tell