## 1. Function Tool

Yeh sabse common aur recommended hota hai:

```
from agents import function_tool

@function_tool
async def get_weather(city: str) -> str:
    return f"The weather in {city} is sunny"
```

## ♦ Kab use hota hai?

- Jab aap chahte ho ke LLM kisi async Python function ko call kare.
- Live weather, currency rate, news, database se data lena etc.

## **②** 2. Hosted Tool (External APIs ya cloud tools ko integrate karta hai)

Hosted Tools woh hote hain jo kisi external service (API) ya plugin ko connect karte hain, takay LLM us data ko real-time main use kar sake.

Ye tools already kisi server par "hosted" hote hain — is liye inhe **hosted tools** kehte hain.

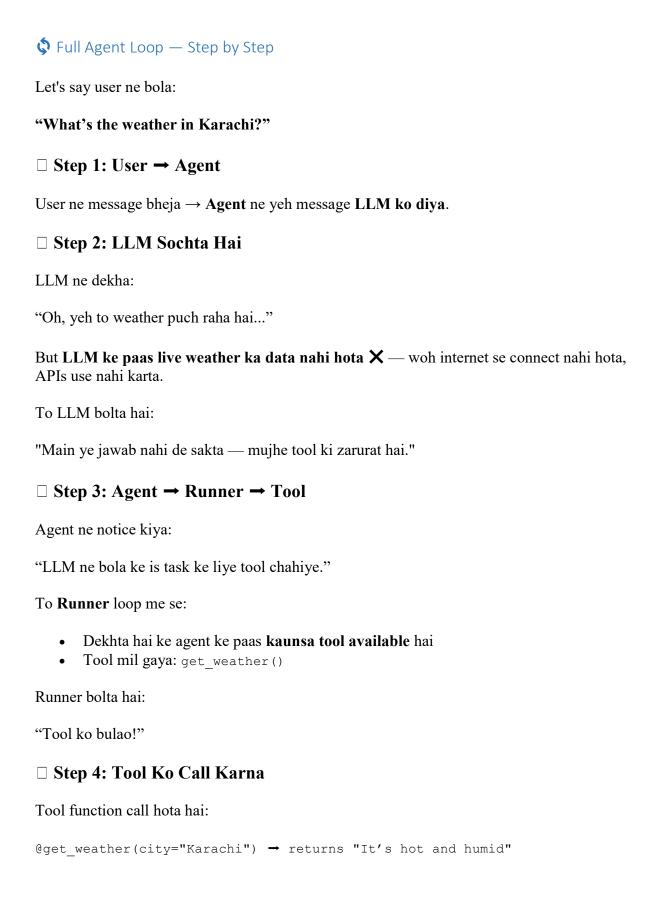
- **Kya hota hai?** Aap kisi external web service (e.g., weather API, Google search, etc.) ko access karte ho.
- **Example:** Agar aap OpenWeatherMap API se weather mangwa rahe ho, toh woh hosted tool hai.
- Use kab hota hai? Jab LLM se internet ya external world ke real-time data lena ho

## 3. Agent as a Tool (Ek agent dusre agent ko call karta hai)

- **Kya hota hai?** Ek Agent doosre Agent ko as a helper use karta hai jaise triage\_agent jo decide karta hai french\_agent ya spanish\_agent ko kaam dena hai.
- Example Code:

```
python
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french_agent = Agent(...)
triage_agent = Agent(..., handoffs=[french_agent])
```

• Use kab hota hai? Jab complex workflow ho ya alag alag experts (agents) ho specific tasks ke liye.



$\Box$ Step 5: Tool → Agent → LLM
Tool ne data bheja back → Agent ne LLM ko diya:
"Here's the weather info."
LLM ne ab final response likha:
"The weather in Karachi is hot and humid."
☐ Step 6: Final Output

Agent ne final output user ko bhej diya!

**⊘** Bonus Tip:

Jab LLM ke paas **knowledge hoti hai** (e.g., "Who is the founder of Pakistan?") — to wo directly jawab deta hai.

Jab knowledge **bahar se chahiye hoti hai** (e.g., *live weather*, *stock price*, *news*) — to **LLM bolta hai tool call karo**.

(question kia user ny?? Llm ny dekha main is ka jwb nhi dy skta is ky liye kisi tool ki zrort hy llm apna response dy ga runner ko runner jis ko tm agentloop khty ho .agent phir sy apny ander check kry gga ky os ky pas koi tool hay (Illm ny kha main jwb nhi day skta is ny runner ko kha ky tool ko call kro phir hmra agent tool ko call kry ga)