

Agentic AI for Everyone — a Free, 15-min Packing Helper

Target audience: Middle school intro CS, high school CS, intro college CS educators + students; also curious non-CS learners

Expected time: 10–15 minutes (interactive demo).

What this is (brief):

A self-contained Jupyter notebook where students build a tiny **agent** that plans a packing list for any city/date. The agent chains free tools (**geocoding**, **Open-Meteo weather**, and a quick **DuckDuckGo** lookup) then asks a local **LLM via Ollama** to produce a **5-item** packing list. It's a clear demo of an agentic workflow with zero accounts, zero fees.

Why it's accessible:

- **No API keys, no cost.**
- **Runs locally**; we include simple setup for **Ollama**.
- Short, commented cells.
- *Very interactive*: prompts to tweak knobs and re-run!

What's included:

- One Jupyter notebook (ready to run).
- A short setup block to install/run **Ollama**.

Bottom line:

Anyone can learn about **agentic AI** today and leave with a working, personal **packing helper agent** for their next trip!