



Challenge no. 6

WRITE YOUR OWN AGENT PROMPT FLOW

Scenario: "ChatGPT can do anything!" Great. Now let's build your own agent that can reason and act like a micro-assistant.



Skills You'll Use: Prompt design, LLM workflows, function chaining.

Tools & Platforms:

- LangChain or AutoGen
- Python
- OpenAI or Hugging Face models

Guided Steps:

- ▶ Pick a feature-rich SaaS tool you admire.
- ▶ Pick a task (e.g., extract FAQs from a doc, summarize + email).
- ▶ Break the task into sub-steps: read → analyze → generate.
- ▶ Create ReAct-style prompts (think/act cycles).
- ▶ Test with variations and output formatting.

Bonus Exploration or Outcome:

- ▶ Use external tools like web search or calculator via tool calls.
- ▶ Compare model responses with and without memory context.
- ▶ Publish your prompt flow in a community forum.