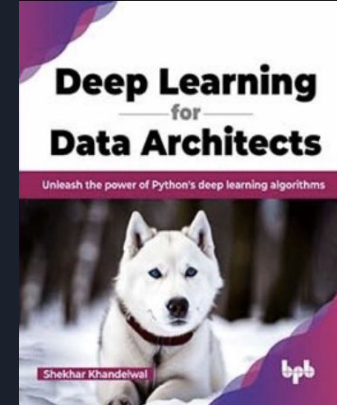
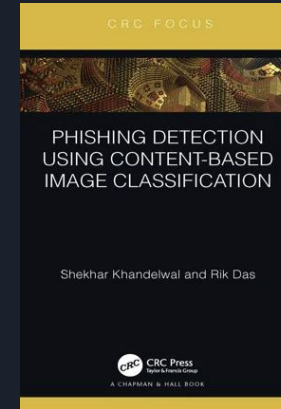


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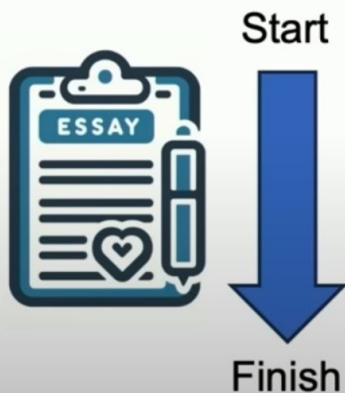
Medium: <https://medium.com/@khandelwal-shekhar>



LLM-based agents

Non-agentic workflow (zero-shot):

Please type out an essay on topic X from start to finish in one go, without using backspace.



Agentic workflow:

Write an essay outline on topic X

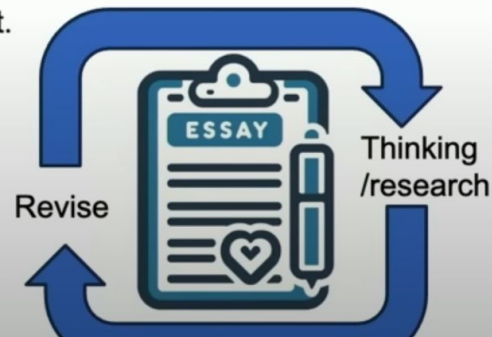
Do you need any web research?

Write a first draft.

Consider what parts need revision or more research.

Revise your draft.

....



GPT-3.5 and GPT-4 performance using zero-shot and agent workflows




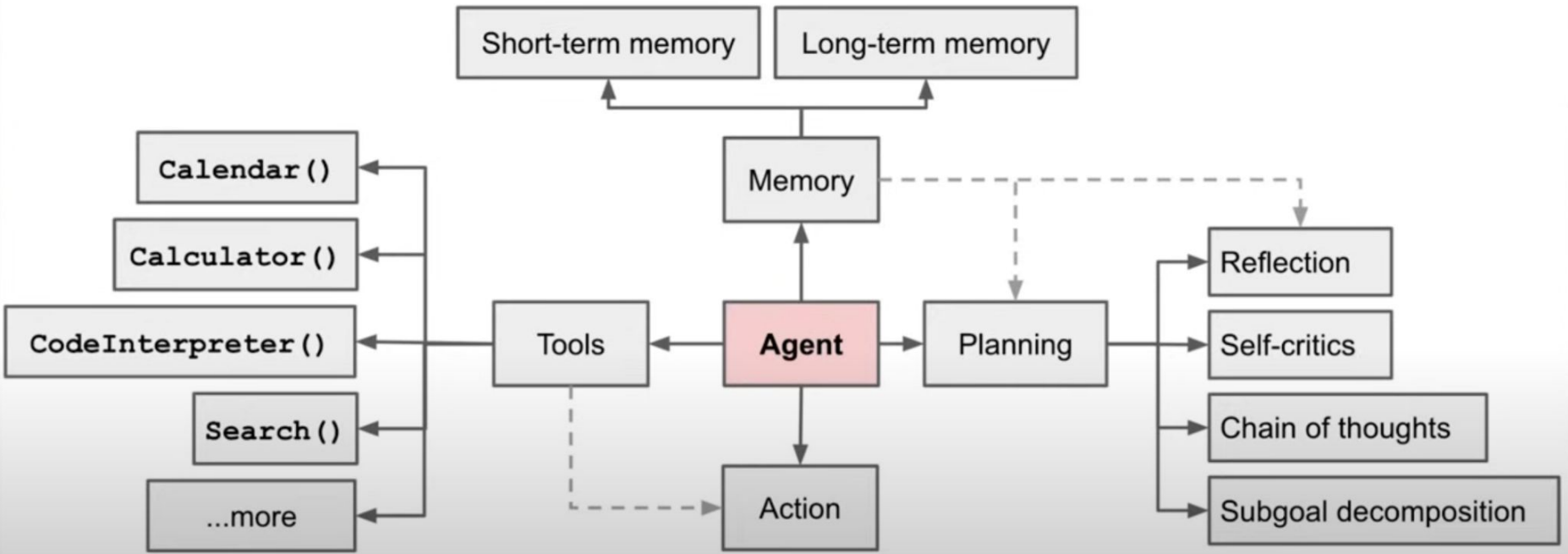
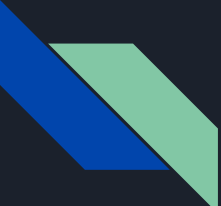
Performance of GPT-3.5 and GPT-4 (zero-shot) on HumanEval, along with algorithms that use agent workflows on top of GPT-3.5 or GPT-4. Thanks to Joaquin Dominguez and John Santerre for help with this analysis.

https://www.deeplearning.ai/the-batch/issue-241/?utm_campaign=The%20Batch&utm_content=286788265&utm_medium=social&utm_source=linkedin&hss_channel=lcp-18246783

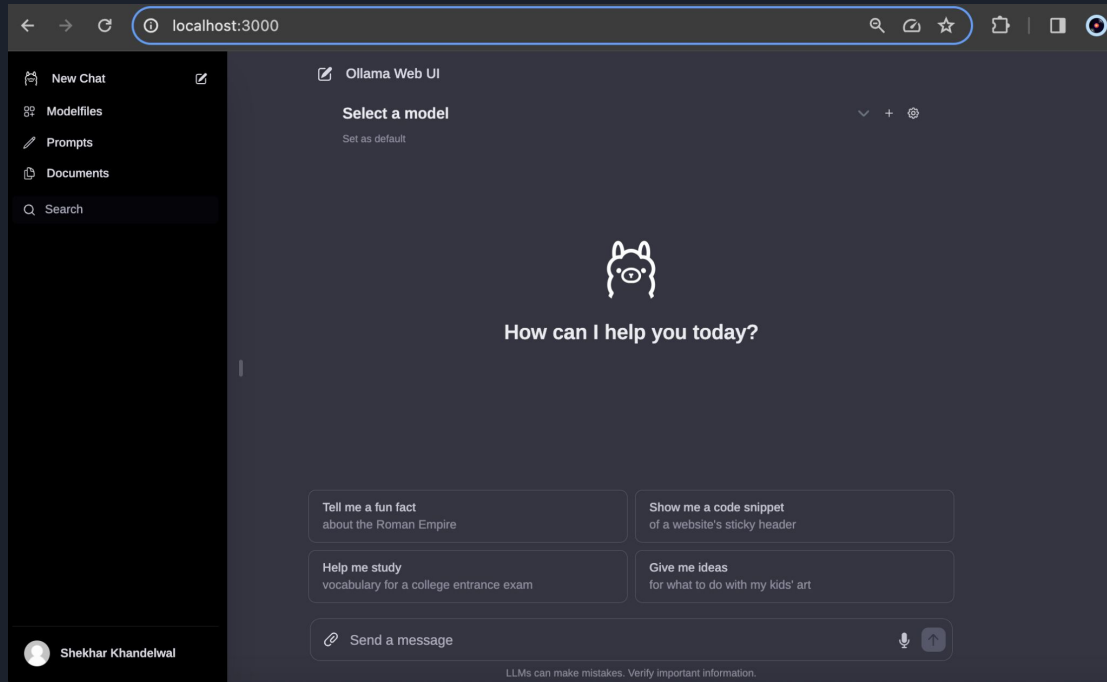
Disclaimer: All images are borrowed from web for better conceptual understanding.

Agentic Reasoning Design Patterns

- 
- 1. Reflection
 - 2. Tool use
 - 3. Planning
 - 4. Multi-agent collaboration
- } robust technology
- } emerging technology



The Local Chat GPT - Ollama



<https://medium.com/@khandelwal-shekhar/ollama-webui-a-revolutionary-llm-local-deployment-framework-with-chatgpt-like-web-interface-ec4a44b80102>

<https://medium.com/@khandelwal-shekhar/bring-any-huggingface-model-to-ollama-a457235dd5b8>

Agentic Frameworks





Q & A !!



Thanks !!