

# Using LLMs Session 4, 6/25/2024

## Prompt Engineering

- Factors influencing prompt effectiveness:
  - Model selection
  - Who you are (position)
  - What you want (goal)
  - Use of relevant examples when useful

## Pitfalls

- Hallucination
  - AI generating plausible but incorrect information
- Alignment errors
  - AI responses deviating from intended goals or values

## Next Steps

- Exploring advanced models:
  - GPT-4
  - Claude 3.5
- Local model deployment:
  - LMStudio
  - Hugging Face
- Multi-Prompt Applications
  - Prompt Chaining (today's example)
  - Agent-based development (autogen)

## Example

- Separate sheet shows Prompt Chaining example

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For further reading:

- Dr. Alan Thompson (YouTube, [lifeearchitect.ai](https://lifeearchitect.ai))
- Al Sweigart ([inventwithpython.com](https://inventwithpython.com))