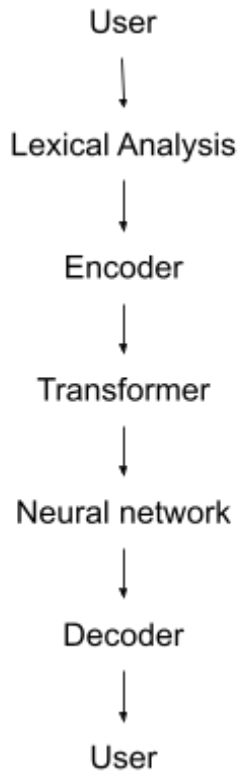


## INFO 102 Lab 8: Using Generative AI

Partner #1: Name: \_\_\_\_\_ Net ID: \_\_\_\_\_

Partner #2: Name: \_\_\_\_\_ Net ID: \_\_\_\_\_

Write a description of the **data** that is passed between steps in LLM processing next to each arrow



To create **long responses**, LLMs repeat some steps; add a □-shaped arrow on the left showing that repetition.

Partner 1: How does an LLM engage in **reasoning**?

Partner 2: Is LLM reasoning an example of **online learning**? Explain your answer to your partner.

Partner 2: What is an **agentic AI**?

Partner 1: Do agentic AIs engage in **online learning**? Explain your answer to your partner.

There are many generative AIs you can access (in part) for free, such as:

- Chatbots: [chatgpt.com](https://chatgpt.com) [gemini.google.com](https://gemini.google.com) [copilot.microsoft.com](https://copilot.microsoft.com) [duck.ai](https://duck.ai) [elicit.com](https://elicit.com) and many others
- Images: most chatbots [craiyon.com](https://craiyon.com) [nanobananaimg.com](https://nanobananaimg.com)

Use these to make a creative work, and show it to the lab staff.

Rules:

- Clean and unoffensive
- Yes-and: ask your partner for ideas, accept them, and add to them; don't turn them down
- Use more than one AI tool

**Ideation:** Talk together and use a chatbot to get an initial idea, short enough to write down here:

**Creation:** Ask the AI to create your initial idea.

What did it do that didn't match what you wanted?

What new ideas do you have after seeing its first prototype?

**Refinement:** Use additional prompting and a second AI tool to try to get closer to your goal.

Which AI tools did you use? Which worked best?

**Reflection:** Compare the finished product to your original idea. What would you have written under Ideation if you had known this would be your final product?

Show a member of the lab staff your finished product as you finish.

**When you're done, check out with a TA or CA, and hand over this completed worksheet.**

**Bye!**