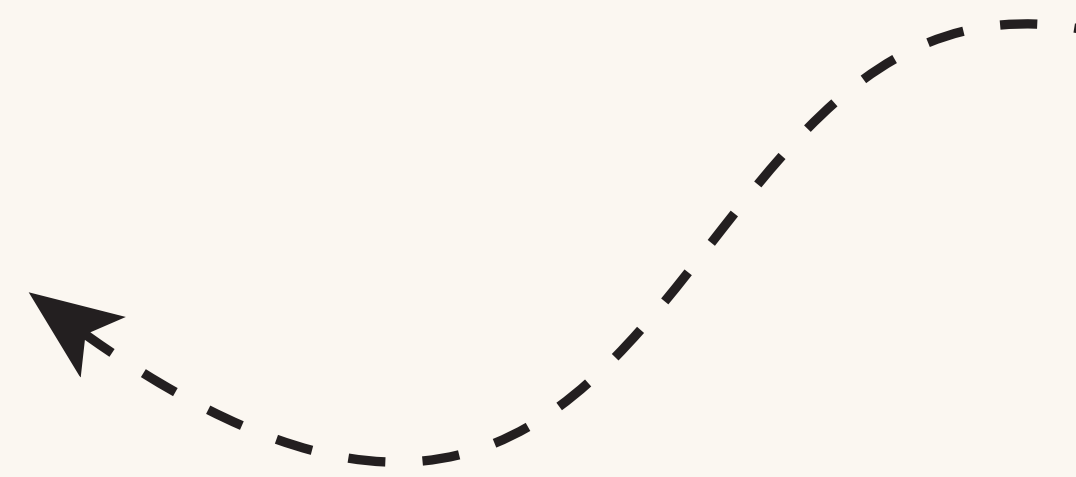
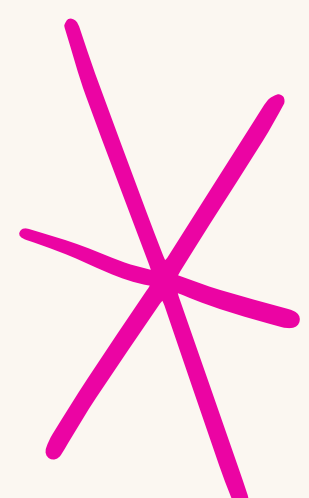




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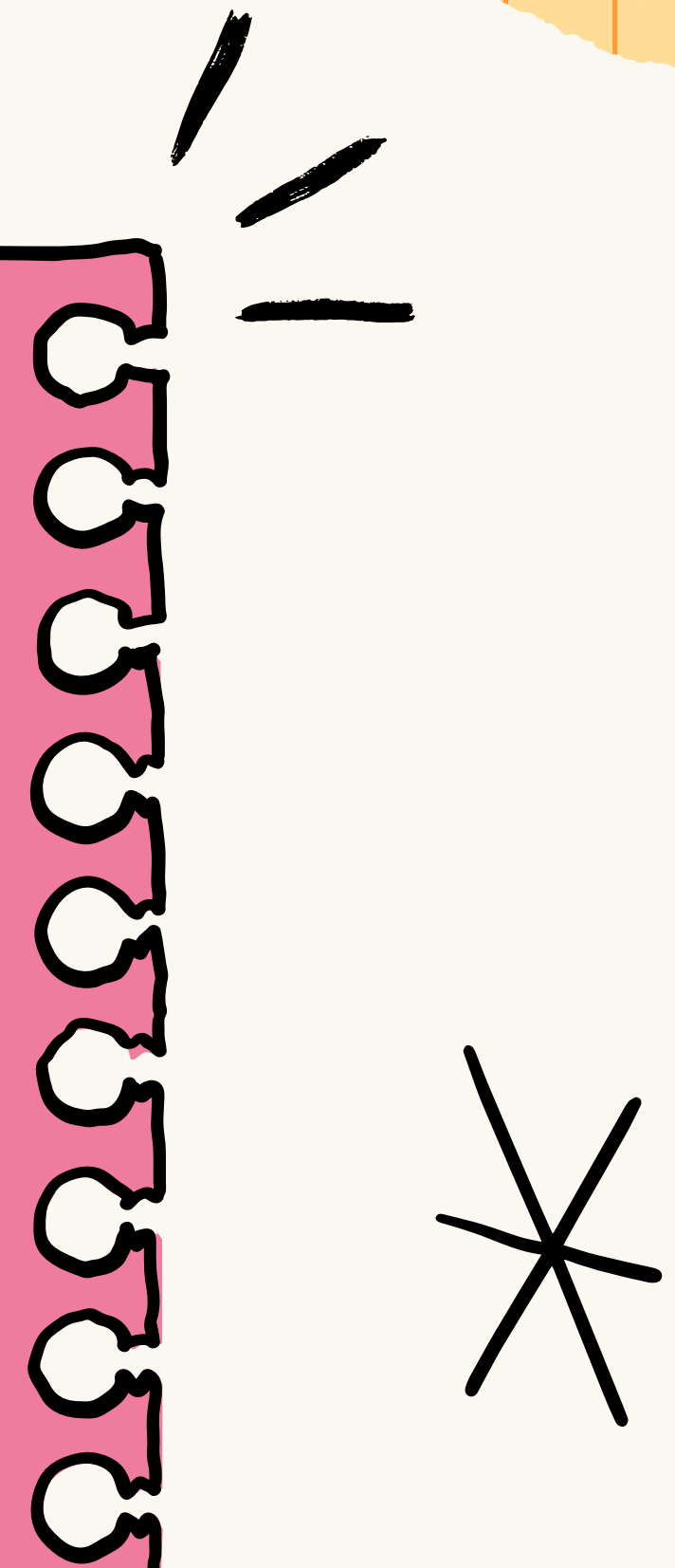
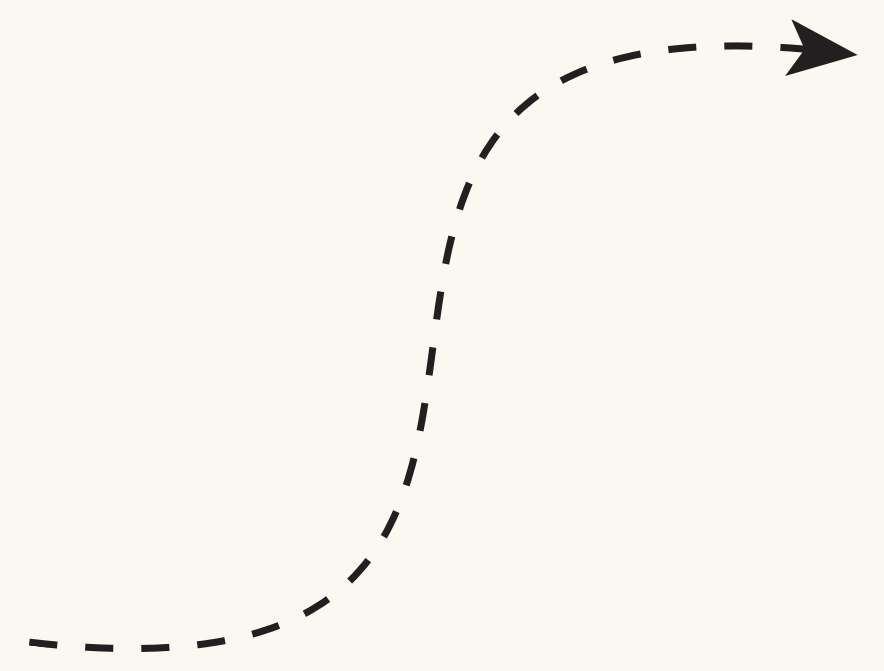


Prompt Engineering Basics FOR TEACHING

What is prompt engineering?

The practice of **crafting and refining** instructions for AI chatbots (LLMs) to generate **accurate, relevant** responses **quickly and efficiently**.

Google search vs. giving instructions to a smart assistant



EXAMPLE OF A **WEAK** PROMPT

“Help me make my class more engaging.”

WEAK PROMPT OUTPUT

Engaging a course, especially an online one, can be a challenge. There are a number of strategies you can use to help make the material more interesting and memorable for your students.

Vary Your Content and Activities

- Use different media types. Don't just rely on text. Incorporate videos, infographics, images, and audio to appeal to different learning styles. You can also use things like virtual whiteboards or 3D models.
- Keep content in small, digestible chunks. Break down long lessons into shorter, more focused segments. Aim for videos that are only a few minutes long to help hold attention.
- Create active learning opportunities. Instead of just quizzes and tests, incorporate activities like problem-solving exercises, case studies, or simulations that require students to apply what they've learned to a real-world situation.

EXAMPLE OF A **STRONG** PROMPT

“Take the role of a student-centered faculty who prioritizes belonging in the classroom. I teach a First Year Seminar with 25 students, most are first-generation and people of color. I want to try new practices that will make my course more interactive. Provide 3 ideas in a bulleted list, written with a student-friendly tone.”

STRONG PROMPT OUTPUT

Here are three student-friendly, interactive ideas that center belonging and engagement in your First Year Seminar:

- "Story Circles" to Build Community
 - Start a class with a short story circle where students share something personal—like a moment they felt proud, challenged, or supported. It's low-pressure, builds trust, and helps students see each other as whole people, not just classmates.
- "You're the Expert" Mini-Teach Sessions
 - Let students take 5–10 minutes to teach the class something they care about—music, culture, a hobby, or a life skill. It's empowering, fun, and shows that everyone brings valuable knowledge to the room.
- Interactive Journals with Peer Replies
 - Use a shared Google Doc or platform where students write short weekly reflections. Then, assign “journal buddies” who respond with affirmations or questions. It builds connection and gives quieter students a voice.

STRONG PROMPT ANATOMY

- 1 Persona
- 2 Context
- 3 Desired Outcome
- 4 # of Options, Tone and Style, Output style,

Take the role of a student-centered faculty who prioritizes belonging in the classroom.

I teach a First Year Seminar with 25 students, most are first-generation and people of color. I want to try new practices that will make my course more interactive.

Provide 3 ideas in a bulleted list, written with a student-friendly tone.