

## AI Literacy at Lunchtime Series at Texas Tech University Libraries

### Prompt Engineering Outline

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#### Learning objectives:

- Understand the basics of prompt engineering.
  - Create their own prompts for generative AI chatbots like Bard or ChatGPT.
  - Create their own prompts for AI image generators like Midjourney or DALL-E
1. Setup session with 10-15 minute presentation on the CLEAR framework from Dr. Leo Lo, definition of prompt engineering, and places people can learn more about prompting
  2. Allow participants to play with several generators. Give them a list if they do not know which ones to use
    - a. Participants can add their prompts and the outputs to a padlet
    - b. As participants add prompts and outputs, drive conversation about what people are finding out about the generative outputs. This could include any of the following:
      - i. Address bias in outputs
      - ii. Address privacy issues of using some of the AI generators
      - iii. Address issues related to why generated art looks like someone else's art, why artists and other human creators are upset about these companies training on their art
  3. Discussion Padlet
    - a. What did you learn about prompt engineering today?
    - b. Is there anything regarding prompting you would recommend to others just starting out?
    - c. How can we mitigate bias when we create prompts?
    - d. Did you notice bias in the outputs from the generators? If so, how or where?
    - e. List places for learning more about prompt engineering.
    - f. For the next week's session:
      - i. Are there any AI research tools you would recommend?
      - ii. Are there any AI research tools you have heard about and would like to see demo'd?
      - iii. Is there anything else you'd like to know when it comes to AI research tools?