

Prompt Engineering Assignment — "Exploring Prompt Variability"

Task: Provide advice to a student feeling stressed before exams.

1. Concise Prompt

Prompt: "Give tips for a stressed student."

Analysis: This concise prompt was indeed too general. It elicited generic advice that, while not unhelpful, lacked depth and personalization. The response included common study tips like "get enough sleep" and "take breaks" without addressing specific stressors or offering a structured approach to managing exam anxiety. It served as a basic starting point but didn't provide truly actionable or empathetic guidance.

2. Medium Prompt

Prompt: "What advice would you give to a college student who is feeling overwhelmed and stressed about upcoming exams?"

Analysis: The medium prompt generated more relatable advice compared to the concise version. By specifying "college student" and "upcoming exams," the model was able to narrow down the context and provide advice that felt more pertinent to academic stress. The response offered slightly more targeted suggestions, such as prioritizing tasks and maintaining a positive mindset, making it more personalized and potentially more useful than the generic tips from the first prompt.

3. Detailed Prompt

Prompt: "Imagine you are a supportive mentor. A 20-year-old college student is feeling anxious and stressed as their final exams are approaching. They are struggling with time management and low confidence. Write a thoughtful and encouraging message to help them reduce their stress, boost their motivation, and plan effectively."

Analysis: This detailed prompt provided the most relevant and emotionally supportive answer. The model successfully adopted the persona of a "supportive mentor," delivering a thoughtful and encouraging message. It directly addressed the student's struggles with **time management**

and **low confidence**, offering practical strategies and a clear structure. The response blended empathetic language with concrete advice on planning, breaking down tasks, and fostering self-belief, demonstrating that highly detailed prompts enable the model to generate richer, more nuanced, and significantly more helpful responses.