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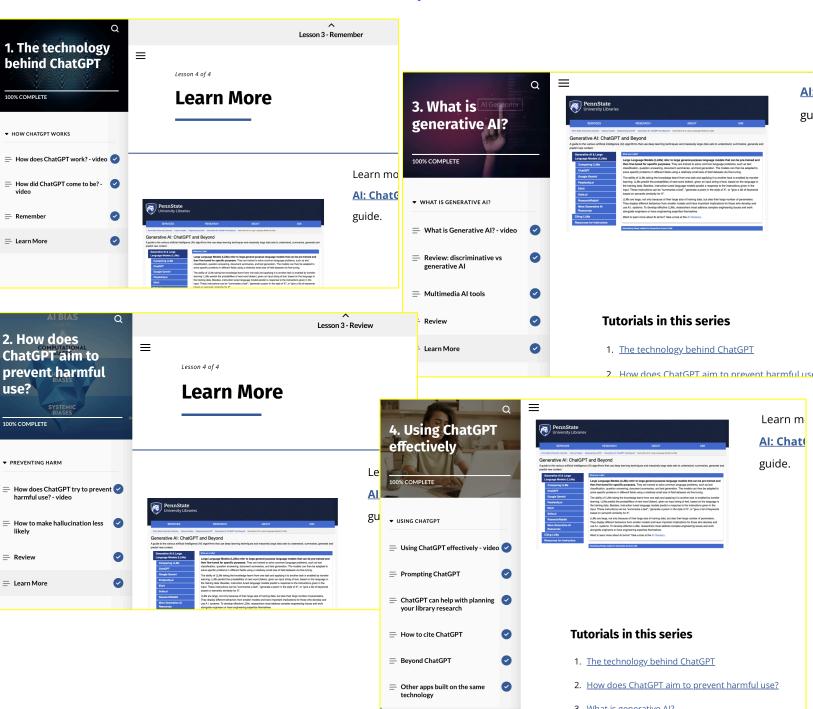
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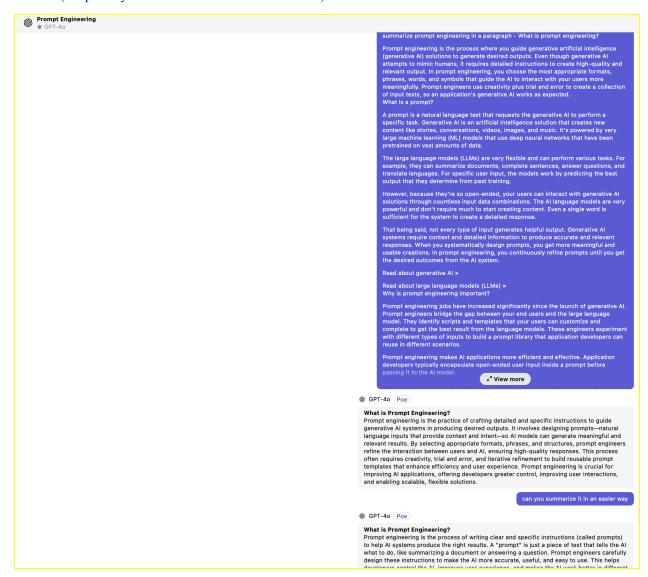
L01: Intro to GenAI: Part 1

Step 1: Complete these tutorials:

• In a Word Doc, submit a screenshot of the completion screen for each tutorial.



Open at least one GenAI tool and in the same Word Doc, submit a screenshot of your use of it.
(Requires you to use at least one GenAI tool)



Step 2: Look up "Prompt Engineering" What is it

• Look up "Prompt Engineering" What is it

'Prompt engineering is the process of writing clear and specific instructions (called prompts) to help AI systems produce the right results. A "prompt" is just a piece of text that tells the AI what to do, like summarizing a document or answering a question. Prompt engineers carefully design these instructions to make the AI more accurate, useful, and easy to use. This helps developers control the AI, improves user experience, and makes the AI work better in different situations.' (ChatGPT)

https://aws.amazon.com/what-is/prompt-engineering/ https://chatgpt.com/auth/login?next=%2Fauth%2Flogin

Step 3: Find a Prompt template.

Text generation, e.g.: ChatGPT, Copilot, Gemini, etc.

You are a medical professional specialising in pulmonary health and need to create a leaflet promoting lifestyle changes to the community. The goal is to highlight lifestyle actions and activities which will contribute to improved lung health and a decrease in lung diseases. The target audience includes all age groups. (Context)

Break the leaflet content up into 3 main topics: exercise, diet and mindfulness and include at least 3 bullet points for every topic. (Task)

Structure it so it will fit on one A4 size page. It should be written in a language which can be understood by people with no medical expertise. It should be visually appealing, eye-catching and include an attention provoking title. Suggest images and design elements. (Output/Style)

Click to view generated text

Output from ChatGPT3.5

Title: "Breathe Easy: A Guide to Healthy Lungs for All Ages"

Exercise for Lung Health:

- Aerobic Activities: Engage in activities like brisk walking, cycling, or swimming to boost lung capacity and improve circulation.
- Deep Breathing Exercises: Practice deep diaphragmatic breathing to strengthen respiratory muscles and enhance lung function.
- Yoga and Tai Chi: These activities promote lung flexibility and strengthen the respiratory system while providing a calming effect.

Image Idea: Illustration of people enjoying outdoor activities like walking, cycling, and doing yoga.

Diet for Healthy Lungs:

- Antioxidant-rich Foods: Include fruits (berries, citrus), vegetables (broccoli, spinach), and nuts to protect your lungs from oxidative stress.
- Omega-3 Fatty Acids: Consume fatty fish (salmon, mackerel) and flaxseeds to reduce inflammation and support lung health.
- Hydration: Drink plenty of water to keep mucus thin and help your lungs function optimally.

Image Idea: Collage of colorful fruits, vegetables, and nuts arranged in a lung shape.

Mindfulness for Respiratory Wellness:

- Deep Relaxation Techniques: Practice meditation and deep breathing exercises to reduce stress, which can positively impact lung health.
- Avoiding Tobacco and Air Pollutants: Be mindful of your environment, avoid smoking, and reduce exposure to pollutants for healthier lungs.
- Adequate Sleep: Ensure 7-9 hours of quality sleep to allow your body to repair and regenerate, supporting overall respiratory function.

Image Idea: Tranquil scenes of people meditating or enjoying a good night's sleep.

Conclusion: Remember, small changes in your lifestyle can lead to significant improvements in your lung health. Incorporate these habits into your daily routine for a breath of fresh air and a healthier life.

Design Elements: Use a clean and bright color scheme with lung-friendly shades like blues and greens. Incorporate lung-shaped icons or symb throughout the leaflet for visual appeal. Ensure a clear and easy-to-refont.

• Would this template help you get more useful information from the GenAI tool? Why or why not?

Yes, this template would help me get more useful information from the GenAI tool. It focuses on a medical topic, pulmonary health, and organizes the content concisely. When asked for a leaflet, it highlights the lifestyle changes for better lung health. This allows the AI to create suitable information for the community.

Moreover, the breakdown into three main topics (exercise, diet, and mindfulness) with specific bullet points helps the AI provide clear advice.

Lastly, the emphasis on using simple language makes it accessible to everyone. This improves the quality and usefulness of the information that was generated.

https://libguides.scu.edu.au/genAI/promptengineering

Step 4: Explain: what is the C.R.E.A.T.E framework.

1.

- Character
- Request
- Examples
- Adjustments
- Type of Output
- Extras

2.

- Context
- Result
- Explain
- Audience
- Tone
- Edit
- write a paragraph about which version you prefer and why.

I prefer the first one for several reasons. Firstly, it shows better emotional intelligence with 'C' for 'Character.' While the second one is more logical, it may not work well for human interactions: creating a date plan or figuring out how to ask out a guy with a bubbly personality. Secondly, 'E' for 'Examples' provide samples of the tone you want, which serves as evidence that helps the AI generate better examples/summaries. This is more effective than 'R' for 'Result,' which can come across as too generic when outlining goals. Finally, I loved how specific 'A' for 'Adjustment' and 'T' for 'Type of Output' are. 'Adjustment' highlights the need for specific details, such as clarifying misunderstandings for AI and the need for iterations. 'Type of Output' clarifies that AI can present information in several formats: lists, paragraphs, graphs, and bullets. These can convey different kinds of data to AI. In contrast, 'T' for 'tone' in the other framework limits the description to just a few words.