Using LLMs 101: Final Week Agenda

Course Summary

Week 1: Introduction to LLMs

- Basic concepts and terminology
- Account setup (Google, Poe, GitHub)
- First interactions with LLMs

Week 2: Prompt Engineering Basics

- "Explain, Enhance, Summarize" assignment
- Comparing different LLMs and prompts
- Introduction to Markdown and basic formatting

Week 3: Advanced LLM Applications

- Multimedia Generative AI (images, video, audio, music)
- Web Search Enabled Tools (Microsoft Copilot, Perplexity.ai)
- Code Generation Tools (Replit, GitHub Copilot, Cursor)
- Project Website Creation

Week 4: Prompt Chaining

- Introduction to minimal prompt chaining
- MinimalChainable class example from GitHub
- When to use prompt chains
- Practical application of prompt chaining

Final Week Wrap-up

1. Project Presentations

- Students present their final projects
- Q&A and peer feedback

2. Course Review

- Recap of key concepts
- Discussion of most impactful learnings

3. Real-world Applications

- case study presentation
- Discussion on current industry trends

4. Future of LLMs and AI

- Emerging technologies and techniques
- Ethical considerations and responsible AI use

5. Continuing Education

- Resources for further learning
- Recommended advanced courses and certifications
    - Deeplearning.ai through Coursera
        - Short Courses
        - Specialization

6. Open Q&A and Course Feedback

- Address any remaining questions
- Collect feedback for course improvement

Next Steps

- Complete the course evaluation survey (Email)
- Explore advanced topics:
  - Python: inventwithpython.com, automatetheboringstuff.com
  - Web and other languages: W3Schools.com
  - 1 hour DeepLearning ai Prompt Engineering Course: https://www.deeplearning.ai/short-courses/chatgpt-prompt-engineering-for-developers/

Thank you for participating in Using LLMs 101!