Artificial Intelligence – Week 7

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Course Repository:
https://github.com/kaopanboonyuen/SC310005_ArtificialIntelligence_2025s1

🎯 Objective

This week, you will create an **AI Poster** that communicates a concept, model, or application related to Artificial Intelligence. Your goal is to design a visually engaging and informative poster that explains an AI topic concisely and educationally.

You will:
✅ Choose an AI topic (e.g., machine learning, deep learning, NLP, computer vision)
✅ Research and explain the concept using clear visuals and explanations
✅ Highlight real-world applications and recent breakthroughs
✅ Use diagrams, flowcharts, and minimal text to tell the story
✅ Practice science communication through design

📚 Topic Ideas (Choose ONE or propose your own)

Here are some suggested topics for your AI poster:

- 🤖 How Neural Networks Work

- 🧠 Introduction to Deep Learning

- 🔍 Applications of AI in Healthcare

- 💬 How Chatbots and NLP Understand Language

- 🖼️ Generative AI: From Text to Image

- 📈 AI in Finance: Stock Price Prediction

📝 Assignment Instructions

1. Research Your Topic

- Use textbooks, reliable websites, and academic sources

- Focus on **how the technique works**, **its applications**, and **its importance**

2. Design Your Poster

Your poster should include:
🧩 **Title**: Clear and catchy
🔍 **Overview**: Short explanation of the AI concept
🧠 **How It Works**: Diagrams, flowcharts, or visual examples
🌍 **Applications**: Real-world use cases (images or icons are encouraged)
📊 **Fun Fact or Recent Breakthrough**: Something to surprise or intrigue the reader
🎨 **Design**: Visually engaging, clean layout, readable text, meaningful visuals

3. Tools You Can Use

- Canva (https://www.canva.com/)

- PowerPoint or Google Slides

- Figma, Photoshop, or Illustrator

- Any software that supports visual design

🔥 Design Tips

- Stick to **1–2 fonts**, readable size

- Use **consistent color scheme**

- Include **images, icons, graphs**, and **minimal text**

- Ensure your poster is **self-explanatory without needing you to speak**

💡 Deliverables

🖼️ Poster File:

- Format: PDF or high-quality PNG

- Size: A3 or A2 (landscape or portrait)

🚀 Getting Started

🧠 Example Inspiration:

- https://distill.pub/ — beautiful explanations of machine learning concepts

- Search "AI Poster Examples" on Google or Pinterest for ideas

- Use icons from https://thenounproject.com/

📅 Submission Deadline

To be announced in class. Submit your **poster file** and **documentation** via LMS or GitHub Classroom.

Good luck and be creative! 🎨🤖
Let your poster do the teaching!