## Artificial Intelligence – Week 7

**Instructor: Teerapong Panboonyuen** 

#### **Course Repository:**

https://github.com/kaopanboonyuen/SC310005\_ArtificialIntelligence\_2025s1

# **Objective**

This week, you will create an **Al 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 Al topic concisely and educationally.

#### You will:

- Choose an Al topic (e.g., machine learning, deep learning, NLP, computer vision)
- Research and explain the concept using clear visuals and explanations
- Mighlight 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:

- image How Neural Networks Work
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- Applications of AI in Healthcare
- — How Chatbots and NLP Understand Language
- Image Generative Al: From Text to Image
- Al 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
- Q 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

# Poliverables

## 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 "Al 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! ( image in the feature i