

# AI for Everyone

Welcome to the Community Workshop!

**Northeast Community College**

Presented by **Trevor Bailey**

# Today's Goals

- Understand what AI is (and isn't)
- See examples of AI in daily life
- Learn safe, responsible AI use
- Practice writing better prompts
- Explore free tools to try on your own

# Icebreaker: What's the First Word You Think of When You Hear "AI"?

Scan the QR code below or go to [menti.com](https://menti.com) and enter code **4477 9071**.



 *Your responses will appear live as a word cloud!*

# Timeline of AI

## 1950s – The Idea Begins

- Alan Turing asks: *"Can machines think?"*
- 1956: Dartmouth Conference coins the term **Artificial Intelligence**

## 1960s–1970s – Symbolic AI & Expert Systems

- Early logic-based programs and rule-based reasoning
- Expert systems like **MYCIN** and **XCON**
- Systems were powerful but brittle → leads to first **AI Winter**

## 1990s – Machine Learning Rises

- Shift from rules → systems that **learn from data**
- Algorithms generalize better as datasets grow
- 1997: IBM's **Deep Blue** defeats Kasparov

## 2000s–2010s – Deep Learning Era

- Big data + GPUs → massive leap
- Major progress in vision, speech, and translation
- 2012: **AlexNet** wins ImageNet and shocks the world



## 2017 – The Transformer

- Google publishes “**Attention Is All You Need**”
- Introduces the Transformer
- Enables GPT-style foundation models

## 2020s – Generative AI

- Models generate text, images, code, audio, video
- Foundation models adopted across industries
- AI becomes mainstream technology

# What is Artificial Intelligence?

AI helps computers recognize patterns and make predictions based on data — similar to how people learn from experience.

Examples:

- Email spam filters
- Voice assistants
- Google Maps traffic
- Netflix/Spotify recommendations

## How AI Works (Simplified)

1. **Data In** → Text, images, numbers, or speech
2. **Patterns Found** → The AI model learns from examples
3. **Predictions Out** → The AI makes an educated guess

Think of it like “auto-complete on steroids.”

# What's Possible (and Not)

## AI Can:

- Draft, summarize, brainstorm
- Translate or tutor
- Generate images or designs

## AI Struggles With:

- Accuracy
- Common sense
- Handling sensitive data

## Demo Time

“Write a bedtime story about a cat that drives a tractor.”

Now watch what happens when we refine the prompt 📝

# Poor vs. Improved Prompt

## Poor:

Write an email.

## Improved:

Write a polite, three-paragraph email to my landlord explaining that my kitchen sink is leaking and I'd like to schedule a repair.

💡 *Good prompts give context, detail, and tone.*

## Spot the Fake (Images)



*(Vote A or B — which one is real?)*



## Spot the Fake (Text Version)

### Post A:

"Ran into an old friend at the grocery store today. We ended up talking in the cereal aisle for 20 minutes like we were still in high school."

### Post B:

"Today I encountered a familiar face at the grocery store, and we shared a meaningful conversation among the shelves of brightly colored cereal boxes."

 *One is human-written, one is AI. Guess which.*

## Play the Game – Which Face Is Real?

[whichfaceisreal.com](http://whichfaceisreal.com)

# Safe and Responsible AI Use

## Do:

- Keep private data out of AI chats
- Fact-check important info
- Use AI as a helper, not a decision-maker


## Avoid:

- Sharing medical/financial data
- Believing images/screenshots blindly
- Uploading work data without permission

## Everyday Uses for AI

- Recipes from your fridge
- Poems, prayers, reflections
- Learning new skills
- Troubleshooting tech
- Planning trips
- Home/garden ideas

# Prompting 101 Activity

 Try writing your own prompt!

Example ideas:

- Motivational quote
- Weekend trip plan
- Explain phishing to a 5th grader

## Key Takeaways

- AI is already part of daily life
- Better prompts = better results
- Always double-check AI
- AI is a tool, not a replacement

## Explore These Free Tools

Tool	Description
ChatGPT	General Q&A and writing help
Copilot	Built into Bing, Windows, and Office
Google Gemini	AI assistant for Gmail/Docs
Canva	Design, slides, images
Perplexity	AI-powered search with citations

## Final Reflection / Feedback

Think about one way you'll try using AI this week.  
Share one new idea you're taking away.

Scan the QR code to access the survey: 1794 3501





# Thank You!

**AI for Everyone**

Northeast Community College

👉 GitHub materials: [github.com/trbail01/ai-for-everyone-workshop](https://github.com/trbail01/ai-for-everyone-workshop)

*(Slides created with Marp.)*