

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 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?)

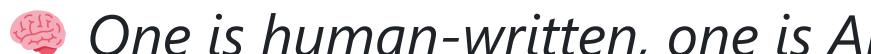
Spot the Fake (Text Version)

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

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

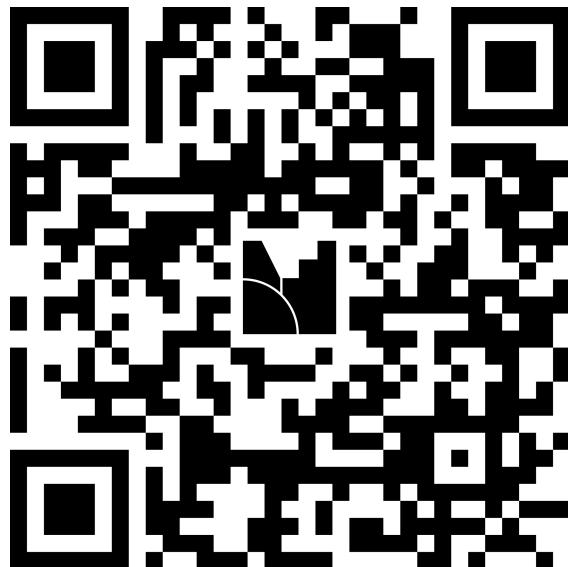
| Tool | Description |
|---------------|--------------------------------------|
| ChatGPT | General Q&A and writing help |
| Copilot | Built into Bing, Windows, and Office |
| Google Gemini | AI assistant for Gmail/Docs |
| Canva | Design, slides, images |
| Perplexity | AI-powered search with citations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

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

(Slides created with Marp.)