



ENGAGING WITH AI

OVERVIEW



DO NOT INTRODUCE INNOVATION

TAO

THE YOUTH OF AMERICA IS ITS OLDEST
TRADITION

OSCAR WILDE



GOALS

- Acquire AI Skills
- Responsible AI Citizens

METHOD

1

Demonstrate
current AI
Capabilities

2

Understand AI
Processes

3

Encourage further
study

COURSE STRUCTURE

Session 1
Getting
Results from AI

Session 2
Collaborative
Creation

COURSE STRUCTURE

Session 3
Under the
Hood

Session 4
Trust

COURSE STRUCTURE

Session 5
AI Citizens

Session 6
**Open
Discussion**

CARDS

- Jot down what you know about me.
- Keep it simple
- Hang on to the card
- Bring to class \ update

FORMS OF AI

- **Generative:** creates content in response to a prompt.
- **Research:** focus on discovering patterns in the natural world.
- **Predictive:** forecasts using past and current data.

FORMS OF AI

- **Agentic:** plan and carry out multistep tasks within boundaries
- **Perception:** translates sensory input – into usable labels

USING AI AS AN INFORMATION TOOL

- Begin with what you know
- Avoid entering personal information
- Critique Results

ONE WAY TO VIEW YOUR AI COLLABORATOR



PRIVACY SETTINGS – CLASS EXAMPLE

- Turn **off** “Improve the model for everyone.”
- Keep **Memory** on only if you find tailored answers genuinely useful.
- Use **Temporary Chat** for personal health questions, financial details, private correspondence, legal matters, passwords, account numbers, exact home-security information, or other sensitive material.

LET'S START BY ASKING ABOUT SOMETHING WE KNOW ABOUT

- You are a trained sociologist specializing in issues that affect older retired Americans. Using only research from peer reviewed sources identify the 5 most critical issues that older Americans have with AI and using AI.

CONSIDER RESPONSE

- 1) Low AI “mental models,” confusing interfaces, and too few learning pathways
- 2) Trust problems driven by “black box” behavior, explainability gaps, and fear of harmful errors
- 3) Privacy, surveillance, and data security concerns (especially for always-on/ambient AI)

RESPONSE

- 4) Digital ageism and algorithmic bias that can exclude or disadvantage older people
- 5) Heightened exposure to AI-amplified fraud, scams, and deception

BACK CHECK

- Use AI to check citations



“TRUST” BUT VERIFY

Longoni, C., Bonezzi, A., & Morewedge, C. K. (2019).
“Resistance to Medical Artificial Intelligence.”
Journal of Consumer Research, 46(4), 629–650.

→ Shows older adults prefer human clinicians over AI even when AI performance is equal.

Hoff, K. A., & Bashir, M. (2015).
“Trust in Automation: Integrating Empirical Evidence
on Factors That Influence Trust.”
Human Factors, 57(3), 407–434.

BREVITY IS NOT THE SOLE
OF WIT



ADDING NUANCE TO UNDERSTAND

- You are a trained sociologist specializing in issues that affect older retired Americans. Using only research from peer reviewed sources identify the 5 most critical issues that older Americans have with AI and using AI. Compare how these issues may have changed in the past 2 years as AI tools have become more common.

TRY A DIFFERENT AI



ChatGPT



Claude



Gemini



perplexity



ANSWERS VS ADS

- What can you tell me about The Highlands located in Topsham Maine?

PROMPT TIP SUMMARY

- Point to sources you trust
- Put into a persona
- No need to use Boolean
- Err on the side of more

PROMPT TIP SUMMARY

- Ask to explain results
- Okay to respond, 'Not able to answer'
- Ask to take opposite perspective
- Iterate, Iterate, Iterate

CHALLENGE

- Play the Devil's Advocate and critique each of these AI concerns previously associated to older Americans by challenging their potential bias, assumptions, limitations, and methodology. If a concern cannot be challenged based on peer reviewed research, explicitly point that out.

TRY AT HOME

- Gift Ideas for your Grandchild
- Fact Check a News Story
- List Travel Options
- Ask for Reading Suggestions
- Request Recommendations for a purchase

THINK ABOUT

- If a machine can think, it might think more intelligently than we do, and then where would we be?
 - Alan Turing, 1951



QUESTIONS
/ TERMS /
NEXT

- What did we gloss over?
 - Let's review terms
 - Session 2
- 