

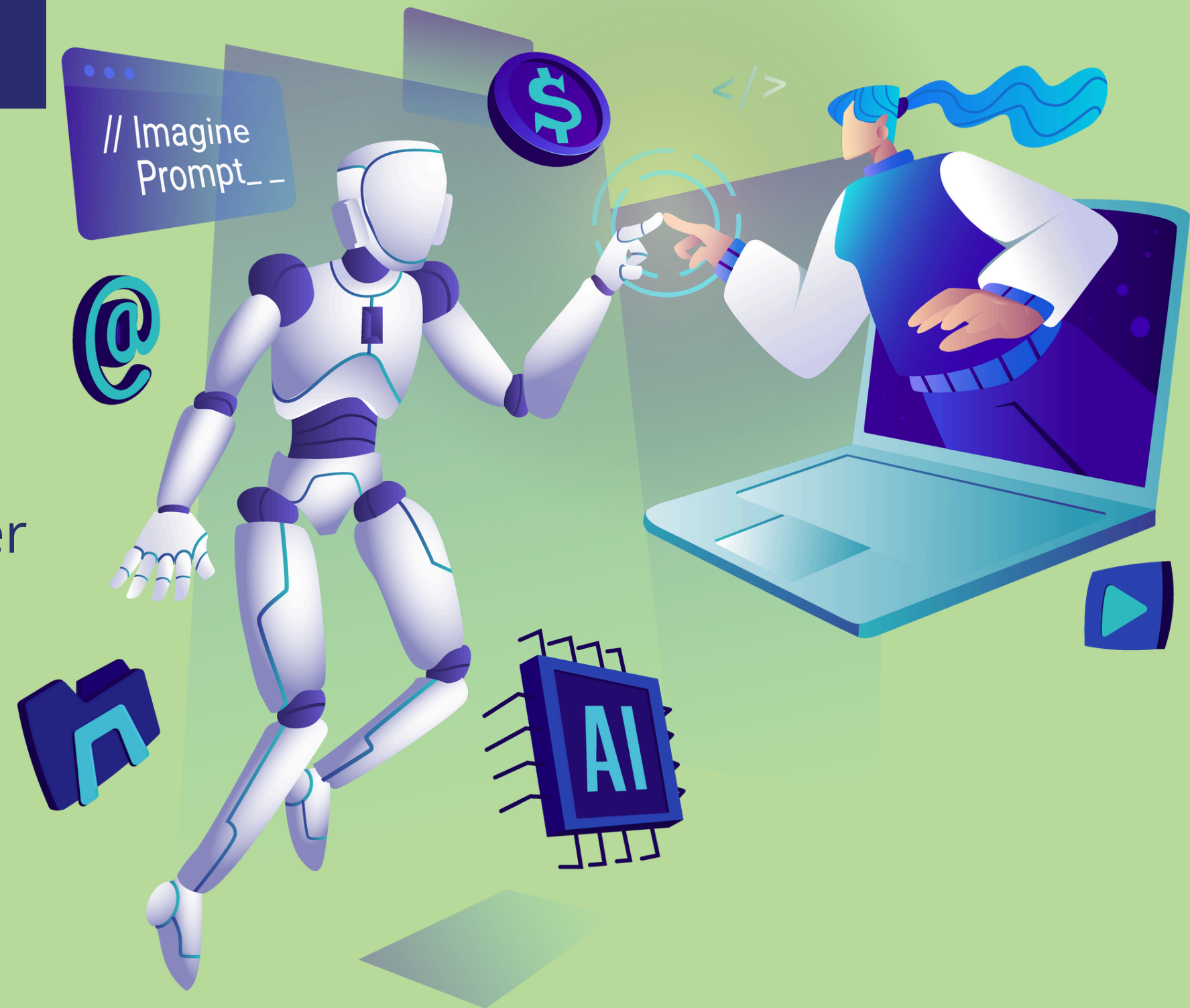
# Demystifying AI Instruction

A Byte-Sized Case Study

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HCLS Savage Branch & STEM Education Center



HOWARD COUNTY  
LIBRARY SYSTEM



# Agenda



1

Ideation & Creation

2

Delivering Classes

3

Updating Content

4

Looking Forward

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Why Libraries?



**What have you  
already done  
with GenAI?**

**Scan to  
answer  
online**







# Ideation & Creation



# March 14, 2023

# OpenAI

# releases

# GPT 4

## & in the news...

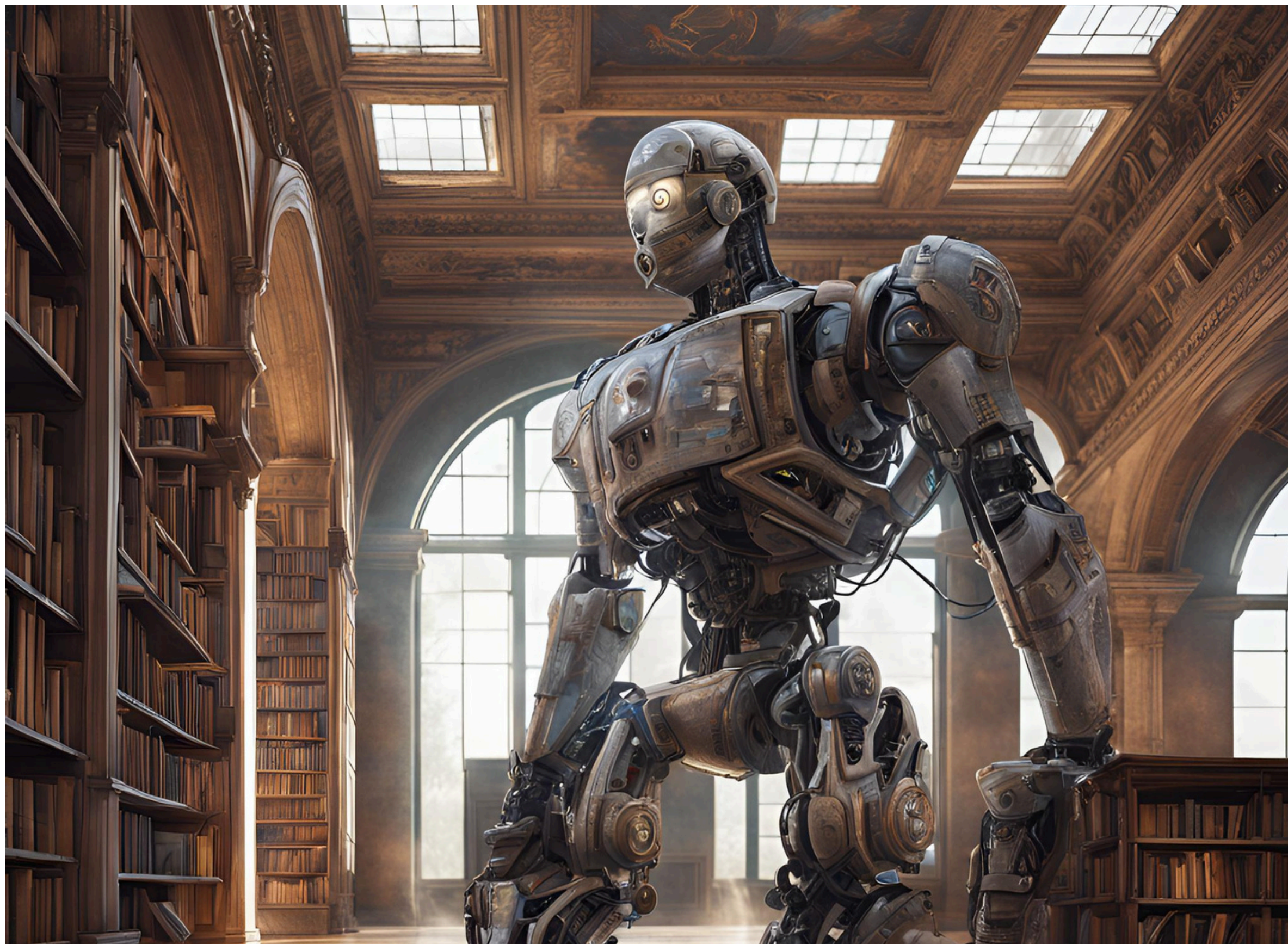
- Lifesaver or job killer? New AI tools create fervor  
Oremus, W. (2023, March 19). The Washington Post
- How AI Could Upend The World Even More Than Electricity Or The Internet.  
(2023, March 20). International Business Times [U.S. ed.]
- US experts warn AI likely to kill off jobs -- and widen wealth inequality; Economists wary of firm predictions but say advances could create new raft of billionaires while other workers are laid off.  
(2023, February 8). Guardian [London, England]

# Enter us!

With lots of information and advances coming out each day, we saw an opportunity for us - two tech enthusiast public librarians - to fill in an apparent gap: explaining AI in layman's terms.







**Why  
Libraries?**



# Could Chat-GPT plan a class?

(in March 2023)



“plan a library class about AI for adults”



“can you expound on each section of class”



“can you generate a script for the instructor of this class”



“use bloom's hierarchy of learning to provide learning goals and objectives for this class”



# Initial Concerns

Would Chat-GPT and Google Bard deliver different results?

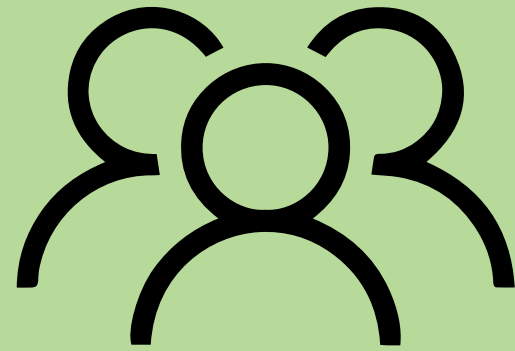
How much will we need to edit what the AI produces?

What makes us qualified to talk about this?

How do we ensure our result is not biased and addresses ethical concerns?

Is this cheating?

# Audience and Goals



## Who's coming to class?

- What level of tech background do people have?
- How much explanation will our community need?
- What will interest people? What will scare them away?



## Learning Goals & Objectives

- What goals do we want to achieve by providing this class?
  - Explain what AI is (and isn't!)
  - Discuss how AI is or has been used
  - Consider ethical concerns and how they are being addressed
  - What comes next?



# Creation Takeaways

We would have to double-check and rephrase everything

While it was good at outlining, it wasn't great at accurately expanding

It couldn't make a slideshow for us

It wanted to title our class: "Rise of the Machines" or "How to Take Over the World with Artificial Intelligence"



# Delivering Classes

# Class 1, Spring 2023

Format: in-person - we want to target those who are not tech savvy

Level: Introductory

Registration: great! ~30

Attendance: an underwhelming 4







# Class 2, Fall 2023

Format: virtual lunch & learn

Level: Introductory with updated content for recent developments

Registration: 31

Attendance: 20 - a much better ratio than before

# Class 3, Spring 2024

Format: virtual lunch & learn

Level: Introductory with recent updates

Registration: 12

Attendance: 11







# AI Petting Zoo, Fall 2024

Format: In-person, interactive

Level: Introductory with updated  
content for recent developments

Registration: 20

Attendance: 10

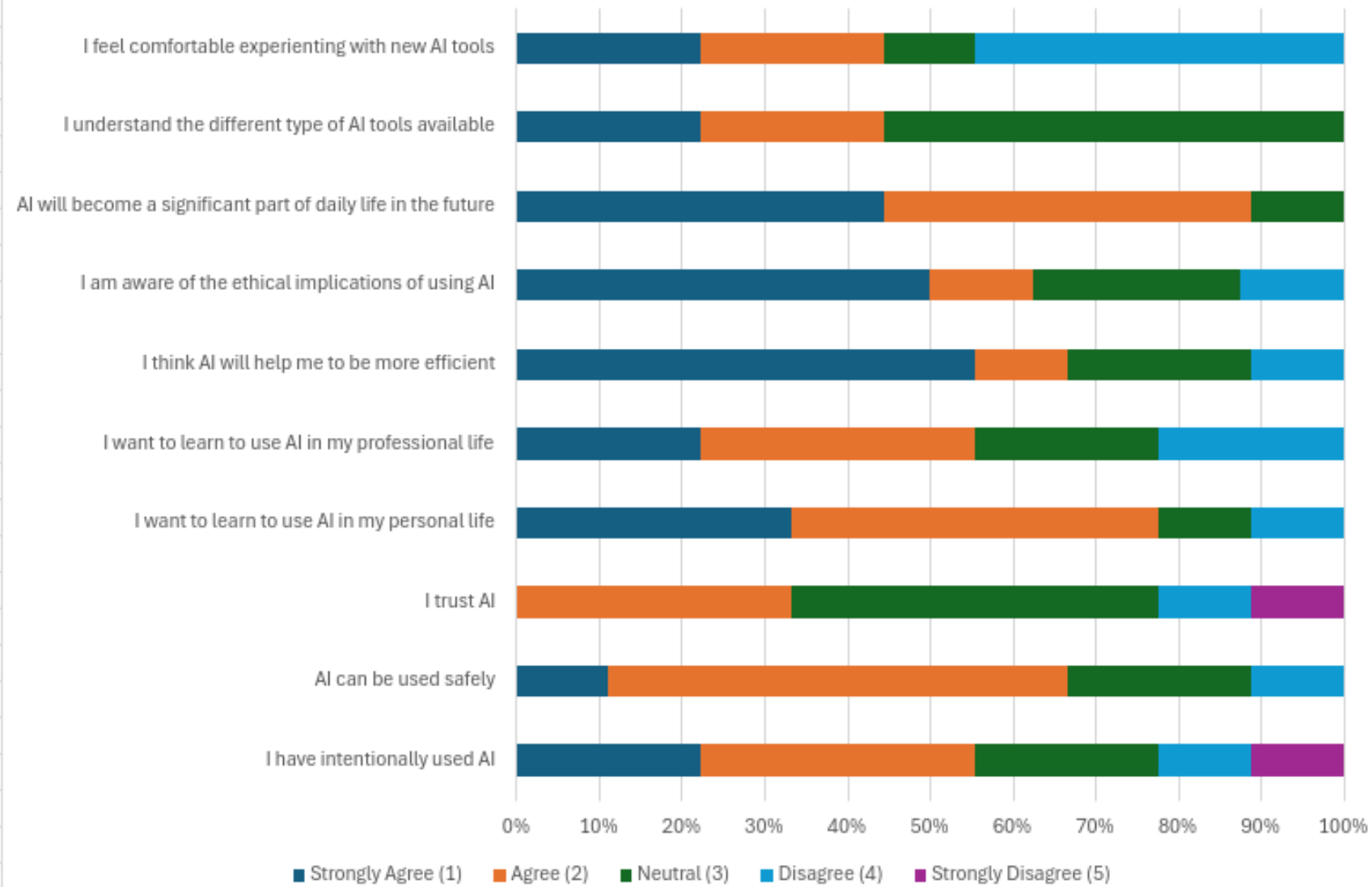
Scan to see  
our handouts!



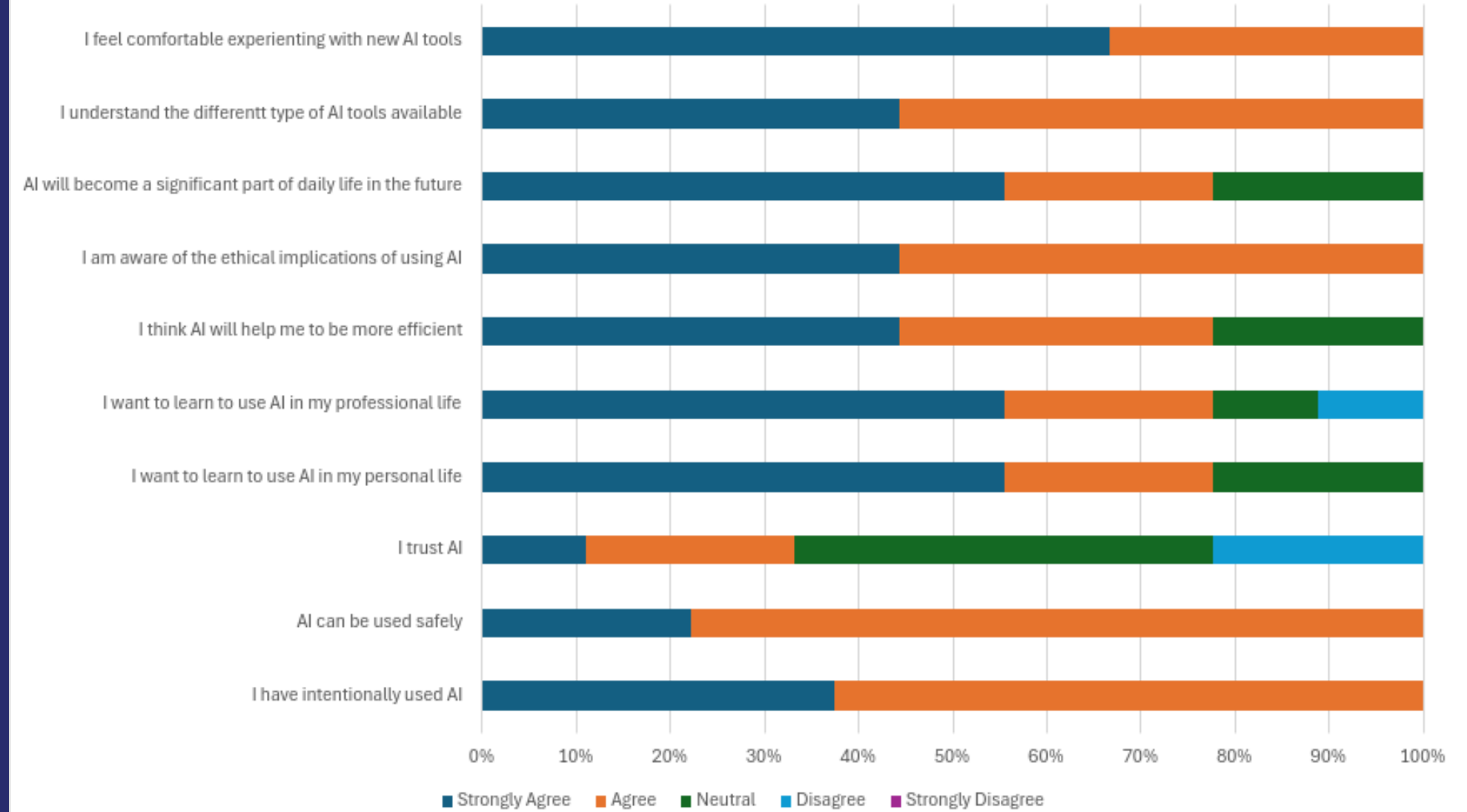


# AI Petting Zoo, Fall 2024

Pre-Class



Post-Class







# Updating Content

# Keeping Current

- Follow niche news sources
  - Hacker News
  - Tom's Hardware
  - TechRadar
- Use social media to keep track of relevant discussions
- Make updates as late as possible - the week before at the earliest
- Continue exploring
  - Test various platforms and tools
  - Practice with prompting
  - See if you can “break” it





**Looking  
Forward**





# AI Power-up: Navigating the Digital Age, Winter 2025

Format: In-person, interactive

Level: Introductory with updated content for recent developments

Age group: Teens, and adults that are connected with teens





# More Byte-Size, more AI Petting Zoo

There's still a need for the basics,  
despite the fact that we've done  
this class before.





# Staff Training, Coming Soon

Format: ??

Level: Introductory with updated content for recent developments

Age group: Library staff, at all levels of the organization

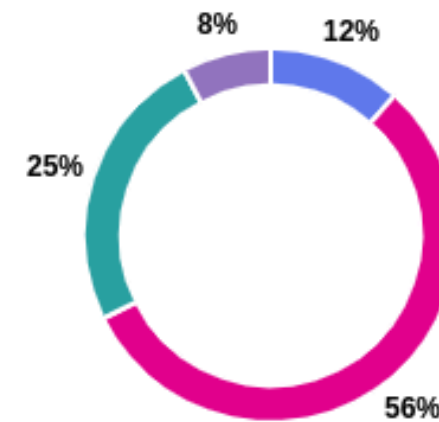


# Staff Survey Responses

1. How would you rate your current knowledge of AI?

[More details](#)

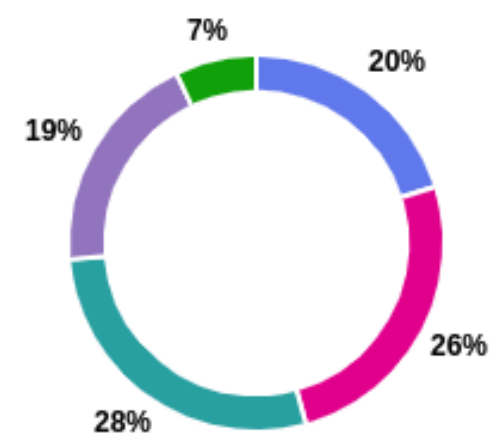
● No knowledge	15
● Basic understanding	73
● Moderate knowledge	32
● Advanced knowledge	10
● Expert understanding	0



5. How comfortable are you with the idea of using AI tools in your work?

[More details](#)

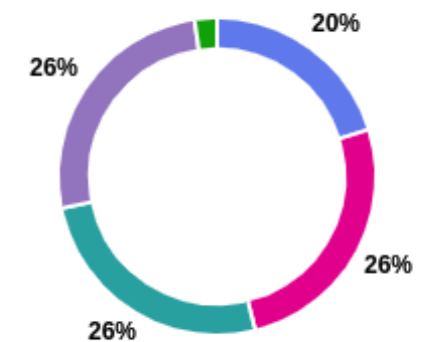
● Very uncomfortable	26
● Somewhat uncomfortable	33
● Neutral	36
● Somewhat comfortable	25
● Very comfortable	9



2. Which of the following training sessions are you the most interested in? (Select all that apply)

[More details](#)

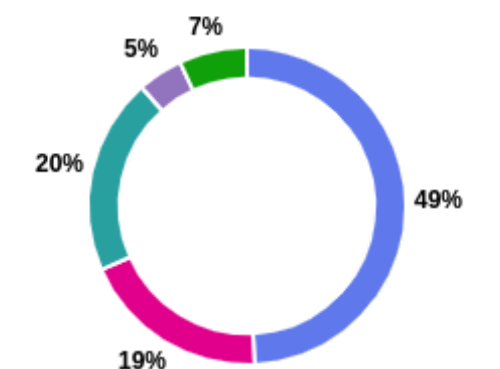
● Byte-Sized AI: What is AI? - An introduction to the basics of artificial intelligence, how it works, and...	71
● Play with AI: Learn about Prompting - An opportunity to experiment with AI by learning how to effectively...	91
● Town Hall: How Can We Use AI in the Workplace? - A group discussion on the practical uses of AI at...	90
● Addressing Privacy Concerns - A focused conversation about privacy, discussing the potential...	91
● I am not interested in learning more about AI	8



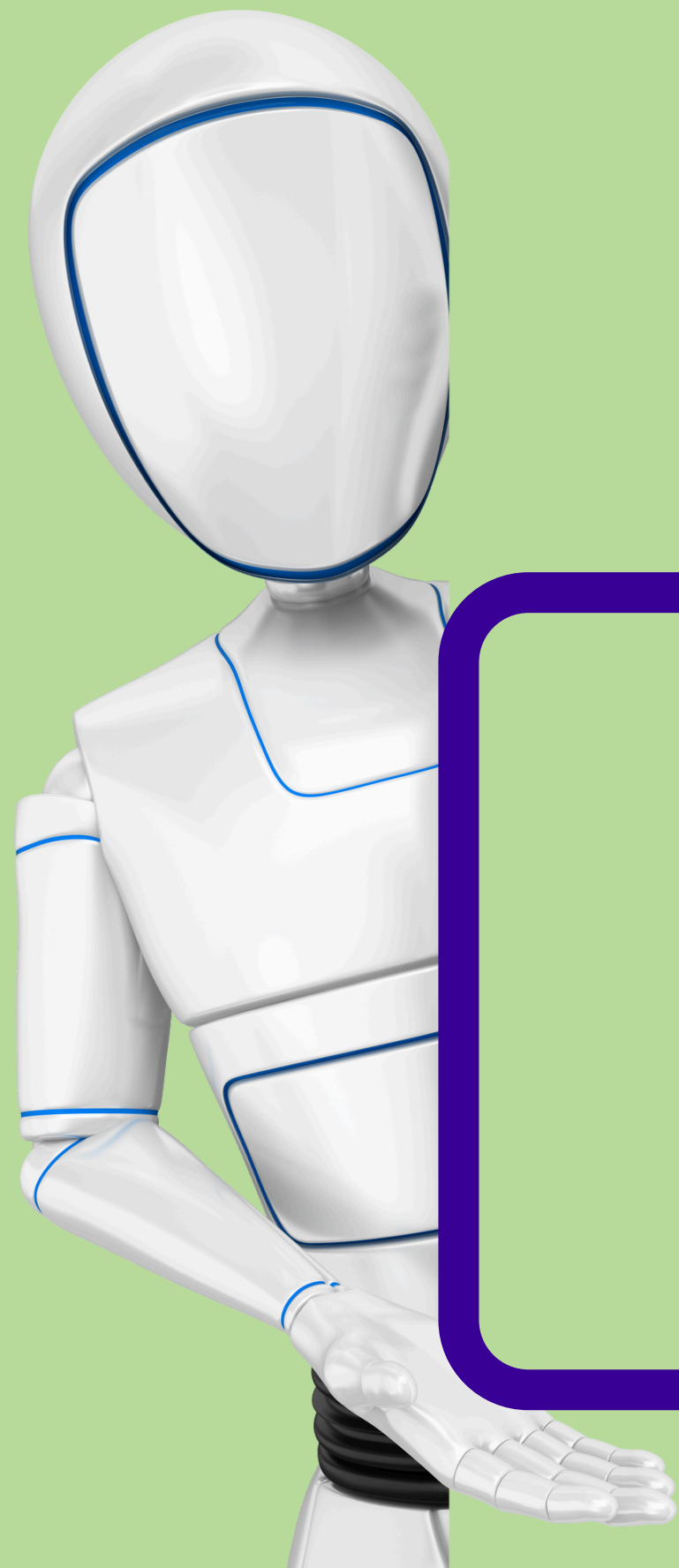
3. If you had to choose one session to begin with, which would it be?

[More details](#)

● Byte-Sized AI: What is AI?	64
● Play with AI: Learn about Prompting	25
● Town Hall: How can we use AI in the workplace?	26
● Addressing Privacy Concerns	6
● I am not interested in learning more about AI	9







**How will you use  
AI in engaging  
with your library  
communities?**

**What else?**



# Thanks for coming!

Questions, comments,  
concerns?

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