# Public Libraries & AI



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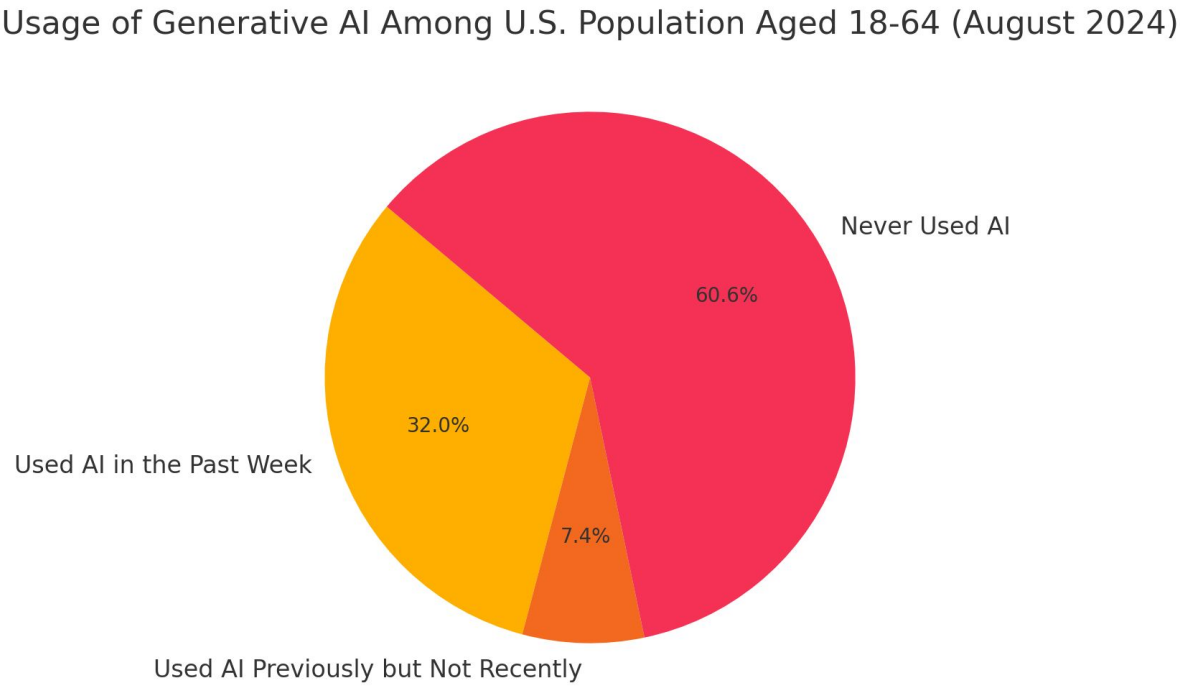
LIBRARY OF MICHIGAN

# 3. How AI Is Used Today

Series 1: How AI Works (For Non-Techies)

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# AI at Home: Who and What



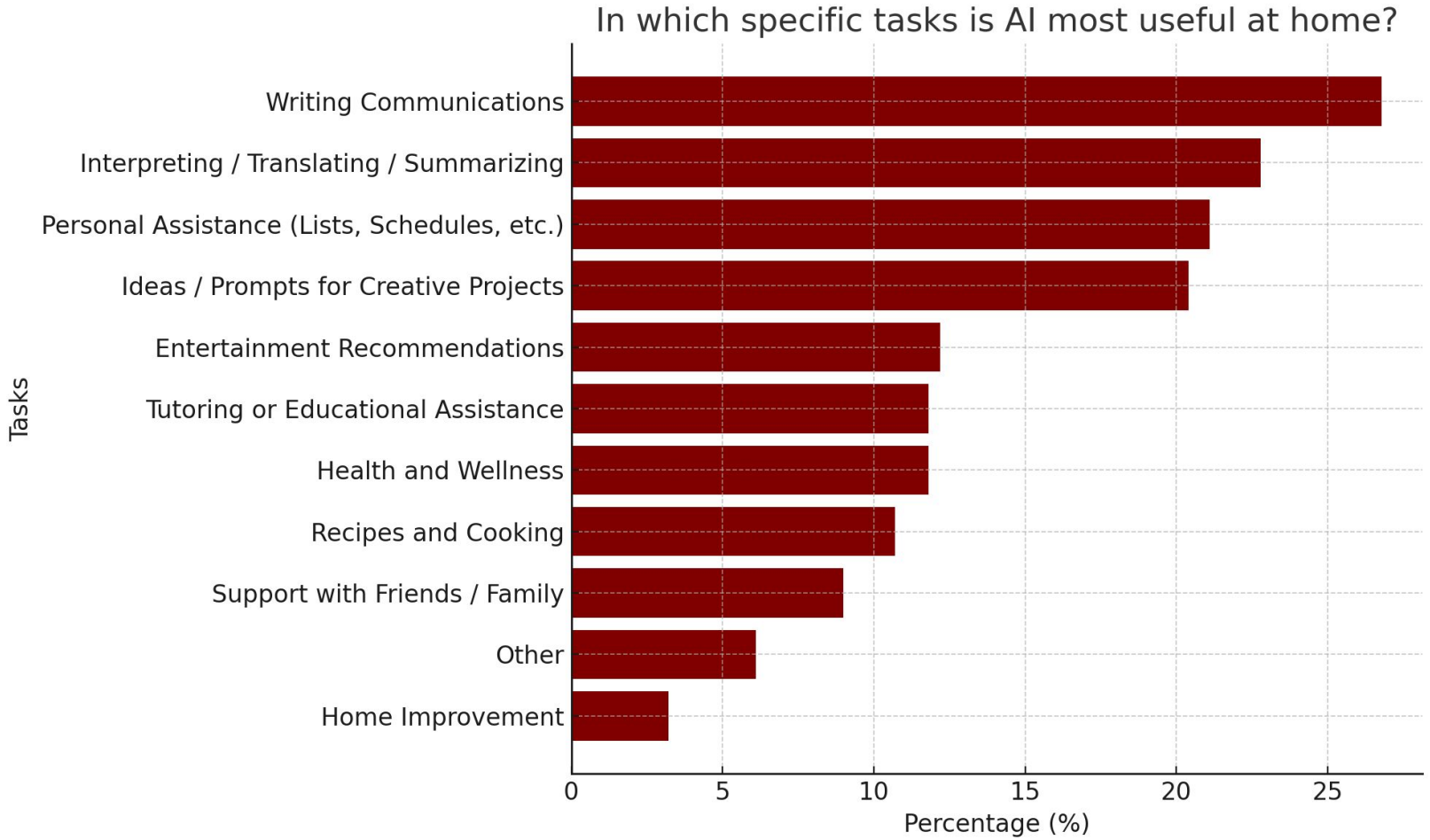

Bick, A., Blandin, A., & Deming, D. J. (2024). *The rapid adoption of generative AI* [Preprint]. URL on resource site.

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# AI at Home: Who and What

- Incredibly rapid adoption compared to PCs, Internet usage
- Used more by younger, higher-educated, higher-income individuals
- Consumer and business focuses increase uptake

https://www.pewresearch.org/short-reads/2024/03/26/americans-use-of-chatgpt-is-ticking-up-but-few-trust-its-election-information/




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# AI at Home: Who and What

- **Planning and organization**
  *Planning gardens, vacations, meals, exercise plans, etc. Organizing notes, files, archives, images.*
- **Writing and editing**
  *Wedding speeches, emails, feedback for writers and authors, formal letters, etc.*
- **Creativity and design**
  *Suggest gifts, DIY builds, create word games, generate pictures, build D&D campaigns*
- **Learning and skill building**
  *Help with homework, learn foreign languages, coaching strategies, life skill reinforcement*
- **Technical applications**
  *Create computer programs and apps, fix bugs, summarize academic articles, transcribe notes*
- **Entertainment / social**
  *AI-based companions, friends, and role-playing scenarios*

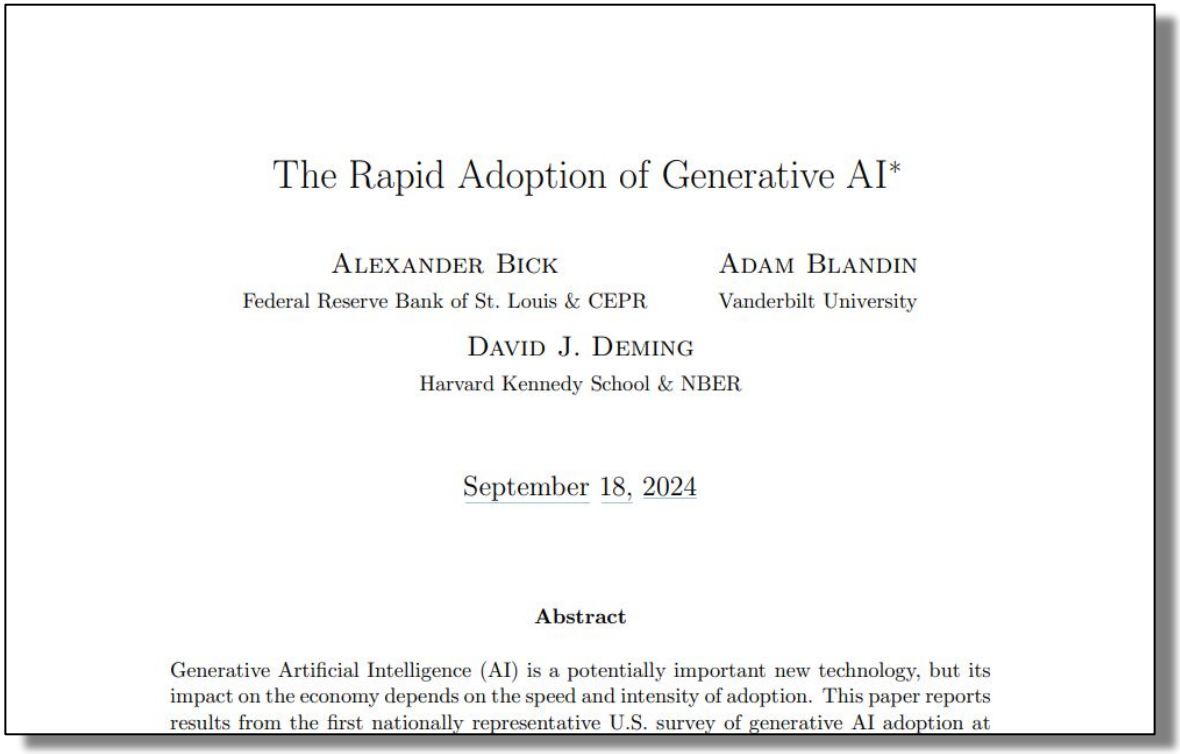
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# AI at Home: Library Responses

- Train staff (*this video series is a great start!*)
- Develop policies and procedures
- Provide community training on AI safety and usage
- Provide access to AI tools
- Stay involved in conversations!

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# AI at Work: Who and What



The Rapid Adoption of Generative AI*


ALEXANDER BICK
Federal Reserve Bank of St. Louis & CEPR

ADAM BLANDIN
Vanderbilt University

DAVID J. DEMING
Harvard Kennedy School & NBER


September 18, 2024

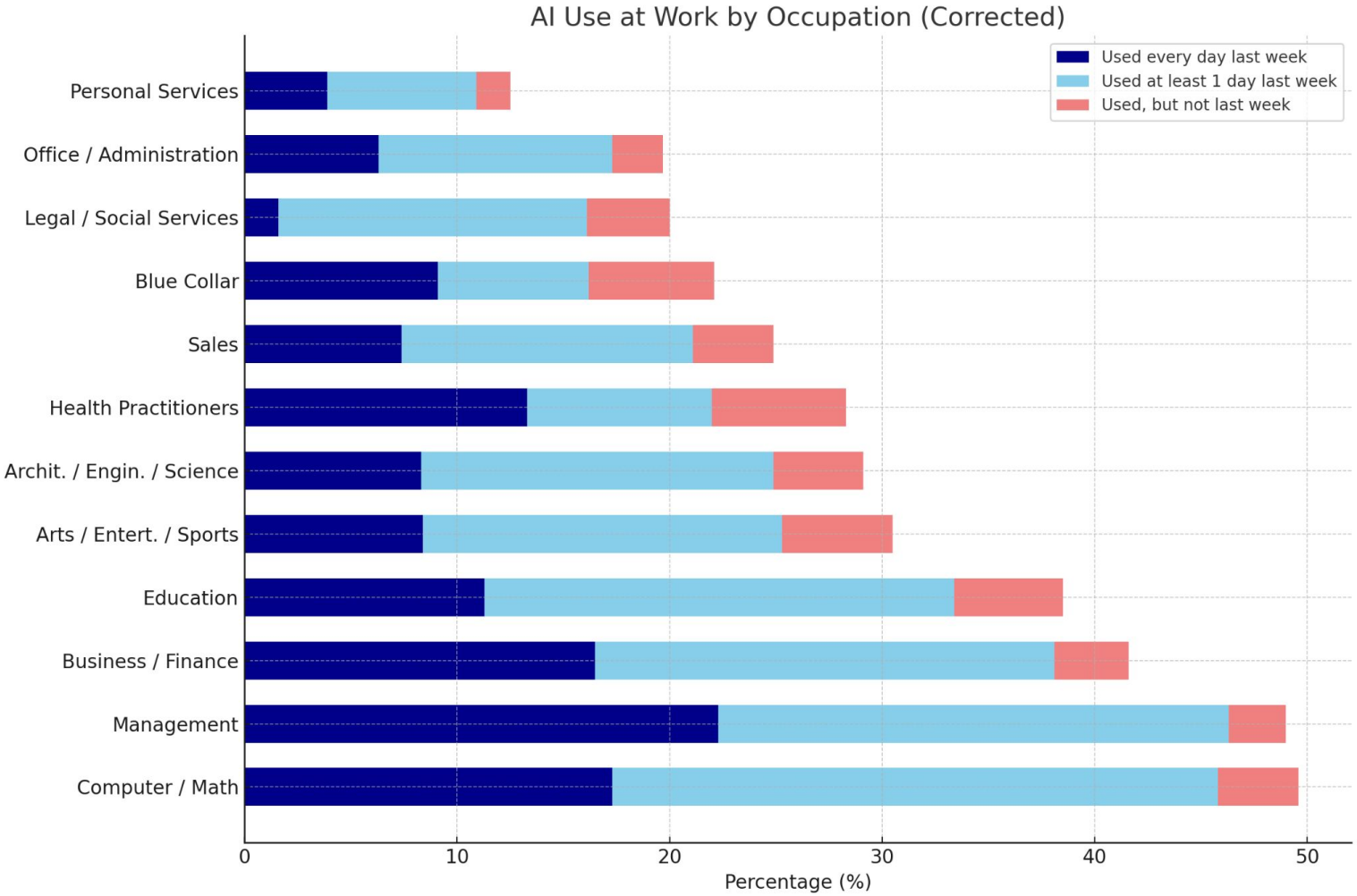
**Abstract**

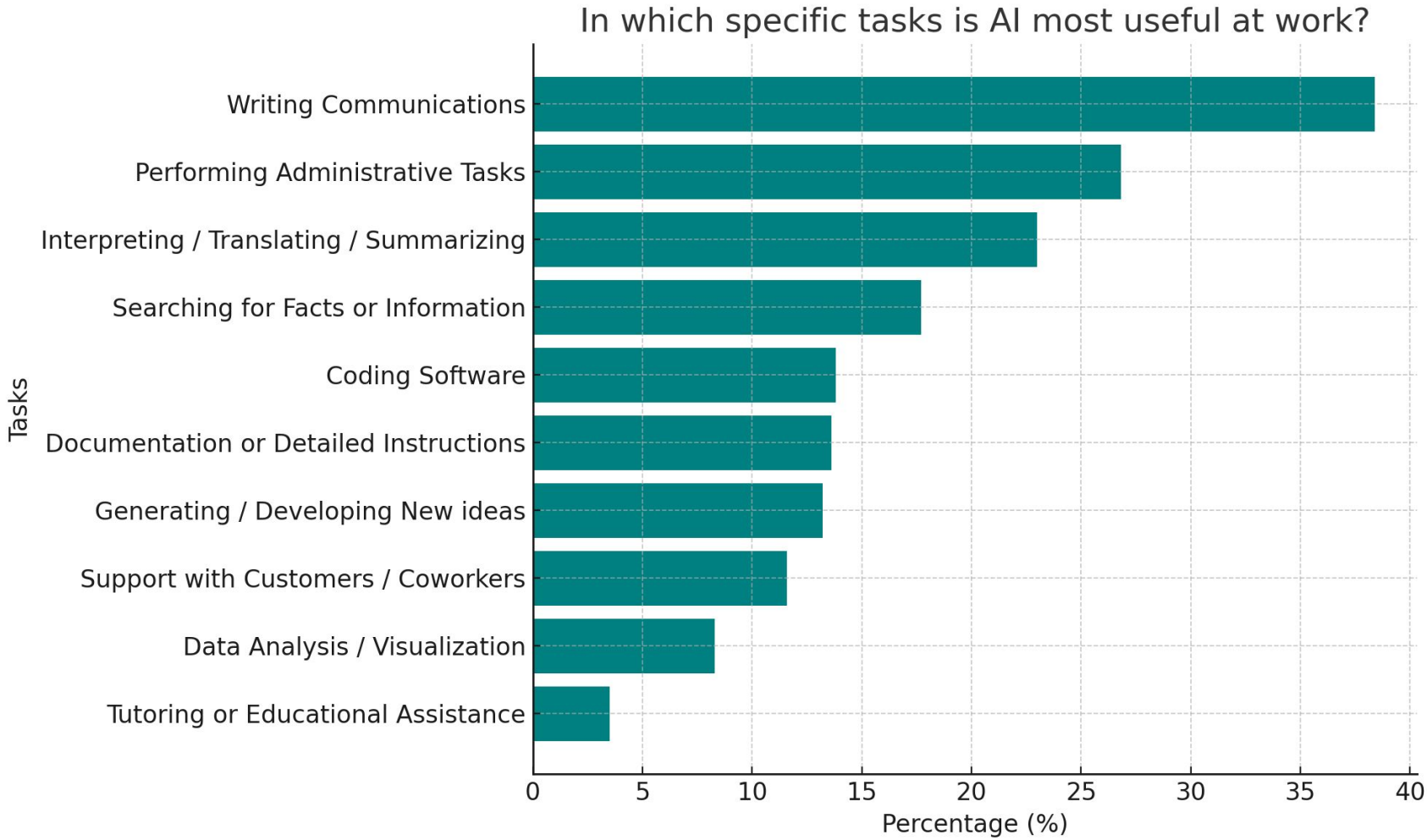

Generative Artificial Intelligence (AI) is a potentially important new technology, but its impact on the economy depends on the speed and intensity of adoption. This paper reports results from the first nationally representative U.S. survey of generative AI adoption at


Bick, A., Blandin, A., & Deming, D. J. (2024). *The rapid adoption of generative AI* [Preprint]. URL on resource site.

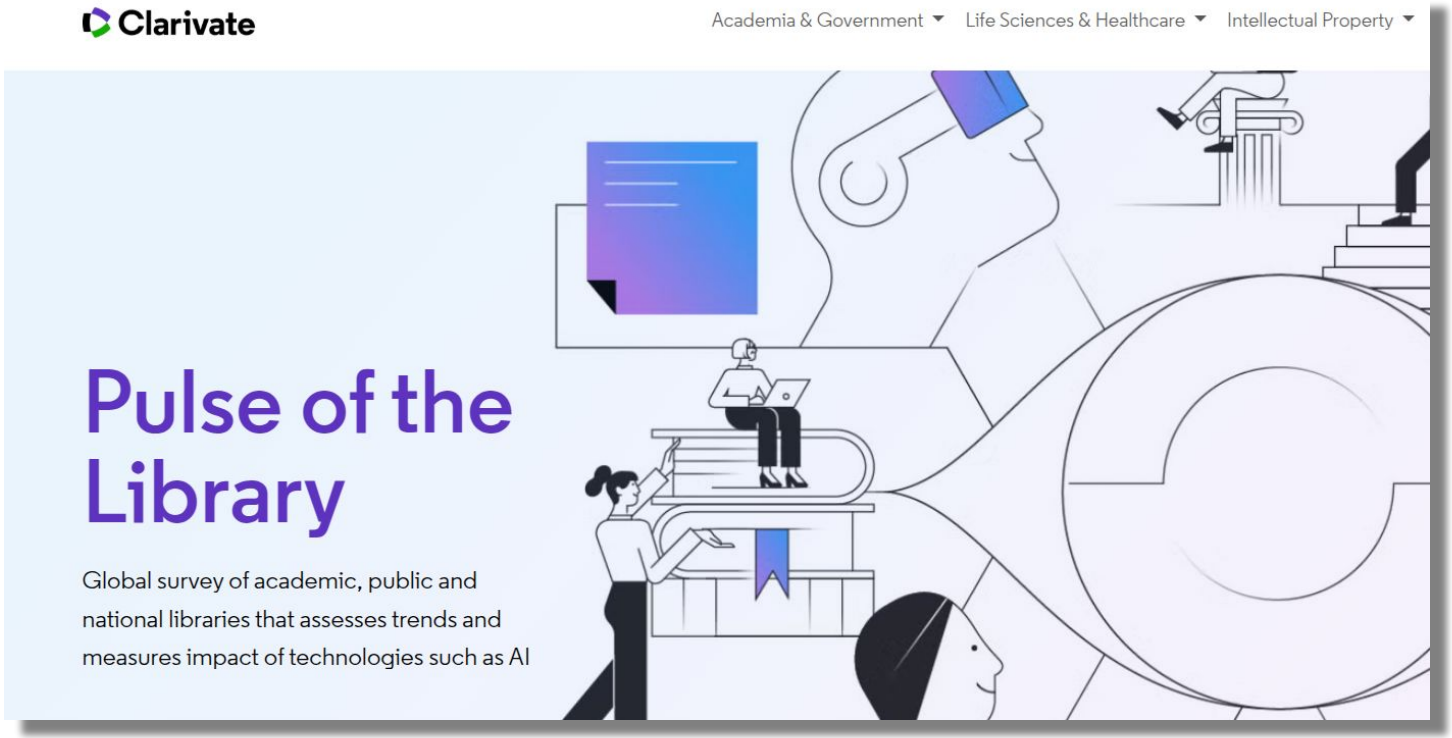
# AI at Work: Who and What

**28% of US workers have used AI at work.**


AI Use at Work by Occupation (Corrected)
Used every day last week
Used at least 1 day last week
Used, but not last week
Personal Services
Office / Administration
Legal / Social Services
Blue Collar
Sales
Health Practitioners
Archit. / Engin. / Science
Arts / Entert. / Sports
Education
Business / Finance
Management
Computer / Math
0
10
20
30
40
50
Percentage (%)


In which specific tasks is AI most useful at work?
Writing Communications
Performing Administrative Tasks
Interpreting / Translating / Summarizing
Searching for Facts or Information
Coding Software
Documentation or Detailed Instructions
Generating / Developing New ideas
Support with Customers / Coworkers
Data Analysis / Visualization
Tutoring or Educational Assistance
Tasks
0
5
10
15
20
25
30
35
40
Percentage (%)

# AI in the Library




https://clarivate.com/pulse-of-the-library/

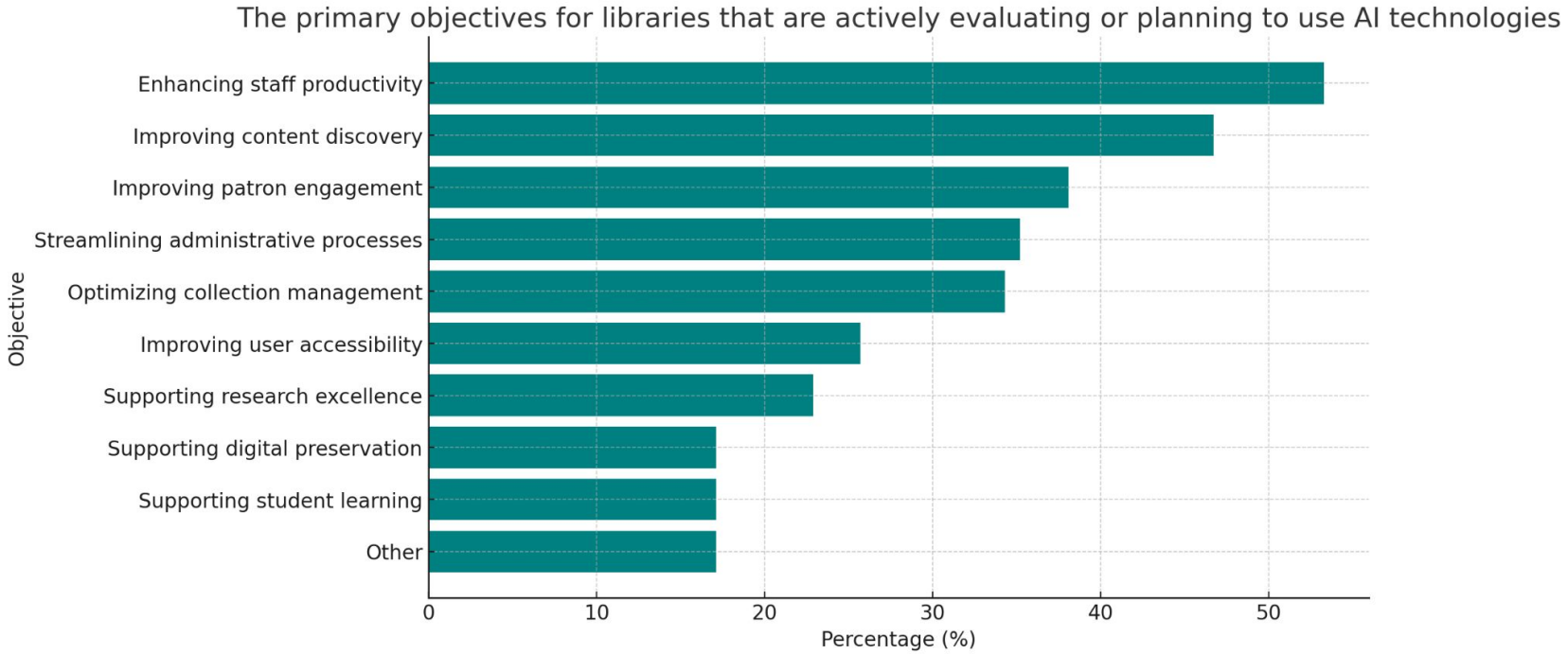
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# AI in the Library

**42% of libraries surveyed plan to introduce AI tools this year**

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# AI in the Library




Filtered for "public library" respondents, Clarivate 2024

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# AI in the Library

- **General tools**: ChatGPT, Claude, Gemini
- **Integrated tools**: Write With Gemini, Microsoft Copilot, Canva
- **Library-specific tools**: ILS, readers advisory, search/discovery, cataloging

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# Coming up…

- More about how people and organizations use AI
- Discussion on the risks and limitations of AI

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# Optional Activities

- Check marketing emails from library technology vendors for mention of AI integration.
- Ask your leadership if an AI plan is in place or in progress.

# Thanks for watching!

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