

Legal Artificial Intelligence and Generative AI

Lone Star Regional Legal Writing Conference
April 15, 2023

Legal AI Tools

- **AGENDA:**
 - **AI Terminology**
 - **Legal Market Study**
 - **AI Examples**
 - **Resources**

The Current State of LegalTech

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How Attys Are Using AI In E-Discovery To Search For Feelings

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Legal Has Front-Row Seat To Big Tech's Generative Text Wars

By Steven Lerner | 2023-01-30 15:16:23 -0500

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Forget The Future. Attorneys Are Using Generative AI Now

By Steven Lerner | 2023-01-30 15:16:23 -0500

Amid the speculation about how generative artificial intelligence such as ChatGPT will one day transform the legal profession, some attorneys are already regularly using this new technology in their practices.

Generative AI is software that processes data to create new information, including text and images.

It caught fire when research company OpenAI released ChatGPT on Nov. 30. The generative AI tool's ability to quickly write almost anything made it an internet sensation and got some working professionals thinking about incorporating this technology into business practices.

Nearly 20% of professionals surveyed by the social network Fishbowl in January are now using ChatGPT on work-related tasks, Fishbowl said. And a pair of

LAW360

Evaluating The Legal Ethics Of A ChatGPT-Authored Motion

By Aimee Furness and Sam Mallick

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Attys Ditch ChatGPT, Develop Custom Generative AI Tools

By Steven Lerner | 2023-02-07 14:15:33 -0500

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Expert Analysis

AI Can Almost Generate Evidence Of Patent Obviousness

By Hahia Lin, Jonathan Knight and Steve Su

Law360 (March 13, 2023, 6:40 PM EDT) -- For a patent to be valid, the critical question often is whether its invention was obvious, namely whether the differences between the invention and what existed before, i.e., the prior art, would have been obvious to a person of ordinary skill in the art, or POSITA, to which the invention pertains.[1]

With the advent of artificial intelligence and the recent introduction of ChatGPT, we ask:

Can statements generated by AI be used to bolster a case for obviousness?

In other words, can AI-generated responses confirm that a difference between the invention and the prior art is so trivial as to be obvious?

If one assumes that AI can itself invent, a frequently discussed topic, then



Hahia Lin



AI Awareness in Law Schools

Recent Articles

- **Ashley Armstrong** recently published this article: [Who's Afraid of ChatGPT? An Examination of ChatGPT's Implications for Legal Writing](#)
- Several **University of Minnesota Law School Professors** authored, [ChatGPT Goes to Law School](#), and [AI Tools for Lawyers, A Practical Guide](#),
- **Michael James Bommarito**, 273 Ventures; Licensio, LLC; Stanford Center for Legal Informatics; Michigan State College of Law; Bommarito Consulting, LL and **Daniel Martin Katz**, Illinois Tech - Chicago Kent College of Law; Bucerus Center for Legal Technology & Data Science; Stanford CodeX - The Center for Legal Informatics; 273 Ventures. They authored this Dec. article: [GPT Takes the Bar Exam](#)
- **Jennifer Wondracek**, Director of the Law Library, Professor of Legal Research & Writing at Capital University Law School. She was interviewed on this topic by Greg Lambert.
<https://www.geeklawblog.com/2023/01/experiments-with-chatgpt-dont-panic-the-robots-are-not-writing-your-students-legal-memos.html>
- **Paul Riermaier**, Reference Librarian at U of Penn. Law School, [ChatGPT and Other AI Technologies in the Study and Practice of Law](#)
- [ABA: Can ChatGPT Help Students Write Better](#)
- [How Law Students Can Use ChatGPT Ethically](#)

AI Terms for Legal Professionals

- **Extractive AI**—extracts relevant results from pre-existing data in the system

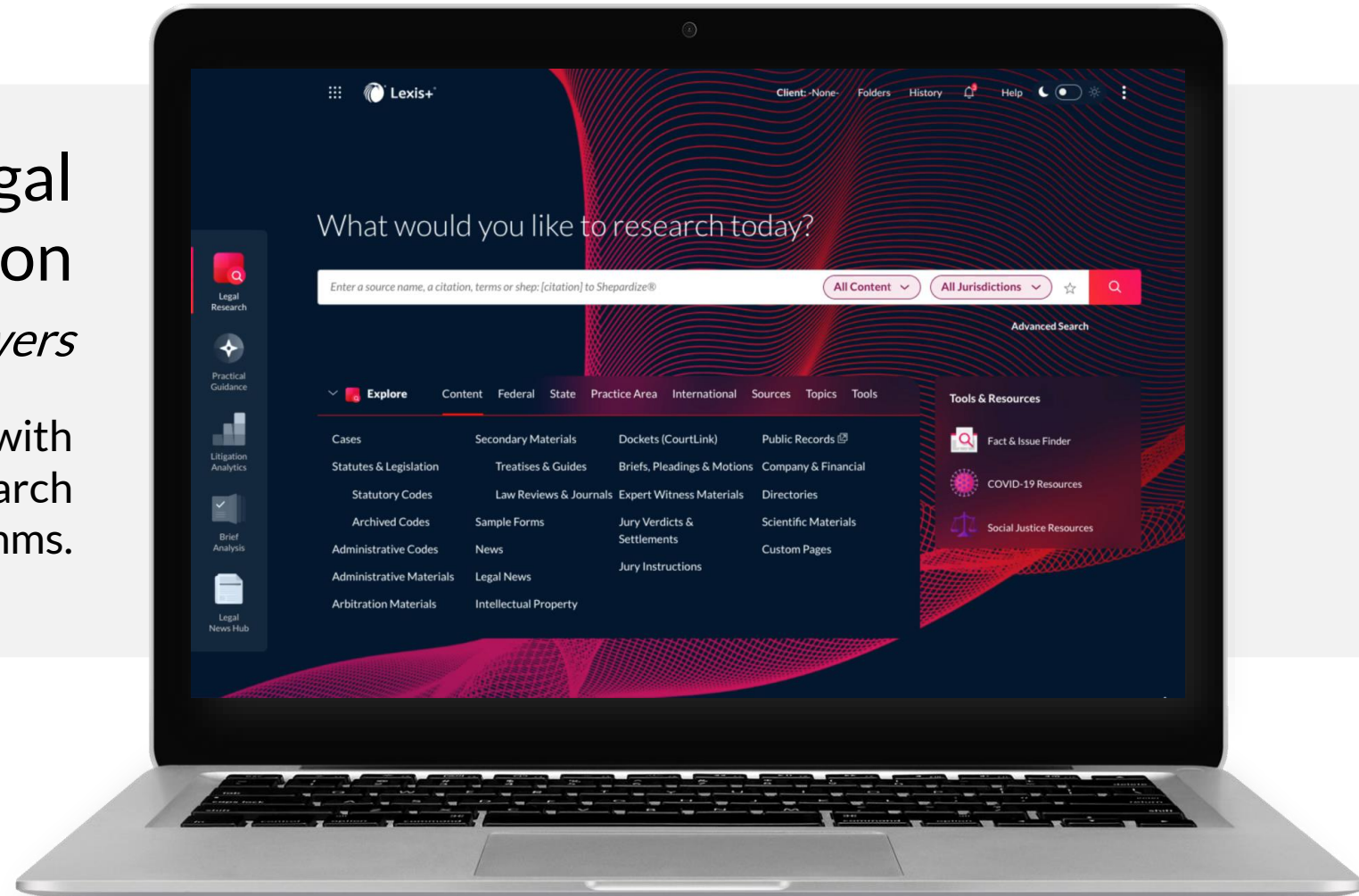
LexisNexis AI

Lexis+ uses extractive AI to surface actionable insights faster

Ask any legal
question

Lexis Answers

Get superior answers faster with
our state-of-the-art AI search
algorithms.



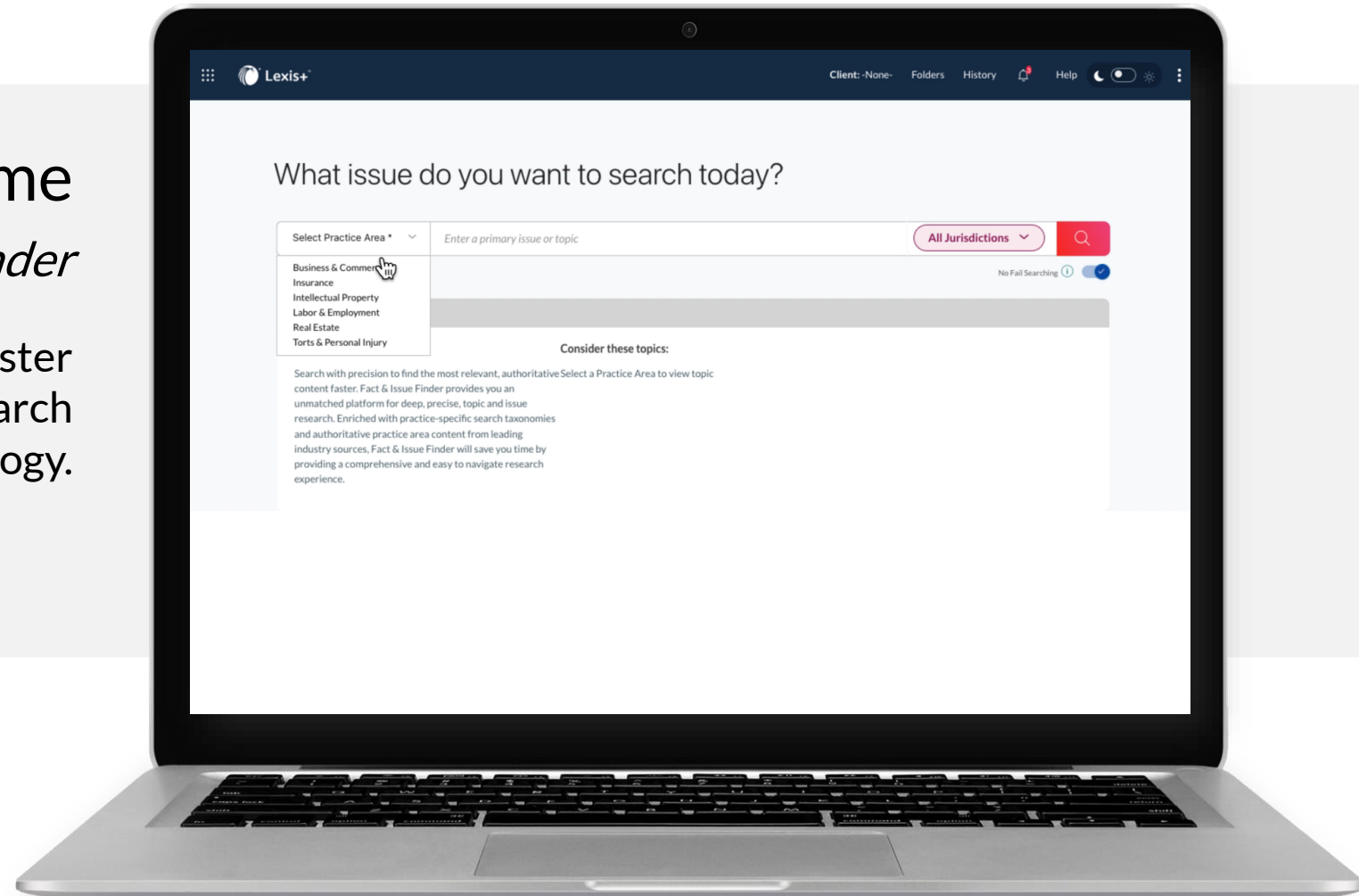
LexisNexis AI

Lexis+ uses extractive AI to surface actionable insights faster

Up your search game

Fact & Issue Finder

Find precise results 40% faster
with our patented AI search
technology.



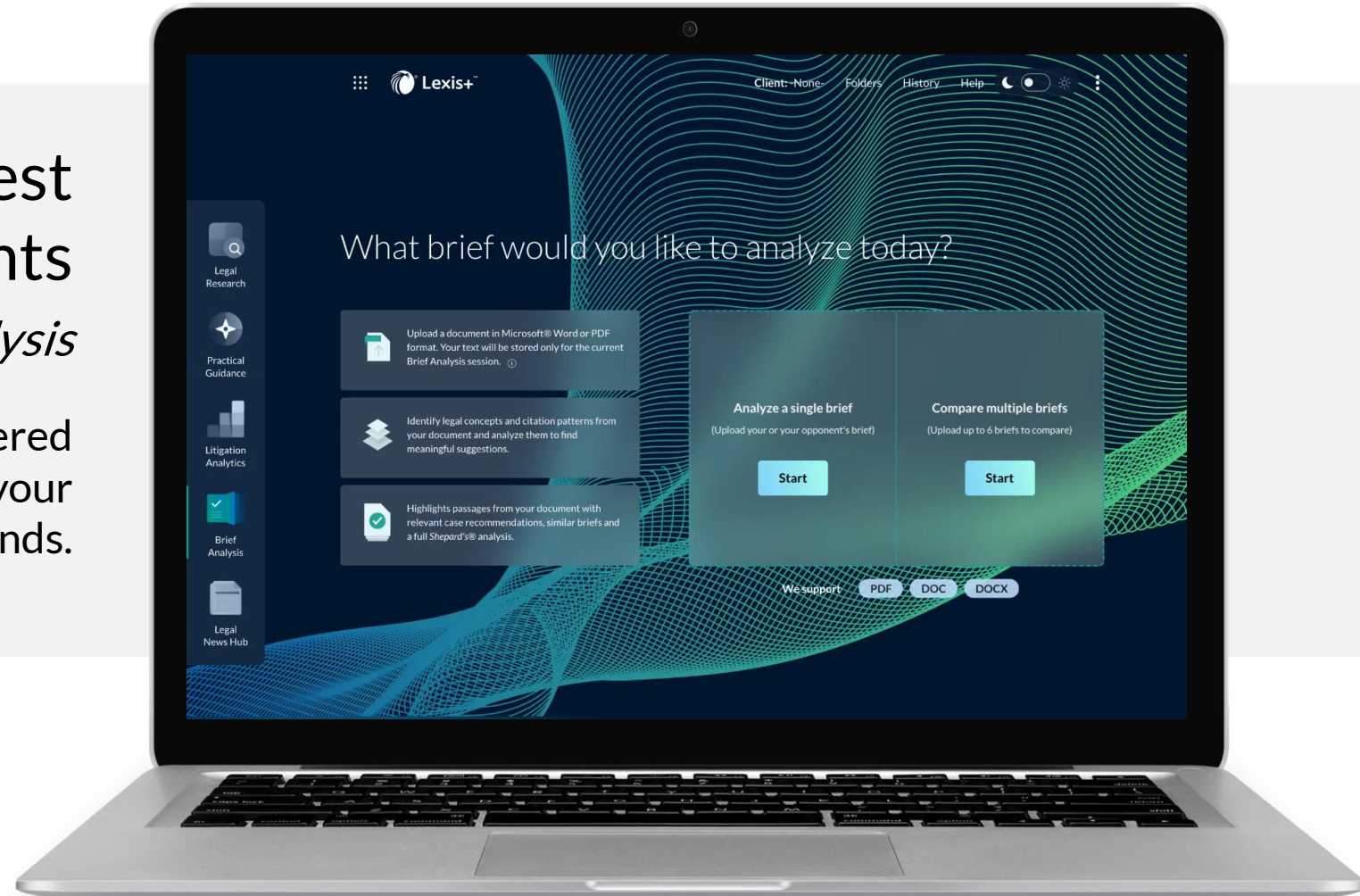
LexisNexis AI

Lexis+ uses extractive AI to surface actionable insights faster

Build the best
arguments

Brief Analysis

Win more with AI-powered
analysis that improves your
arguments in seconds.



AI Terms for Legal Professionals

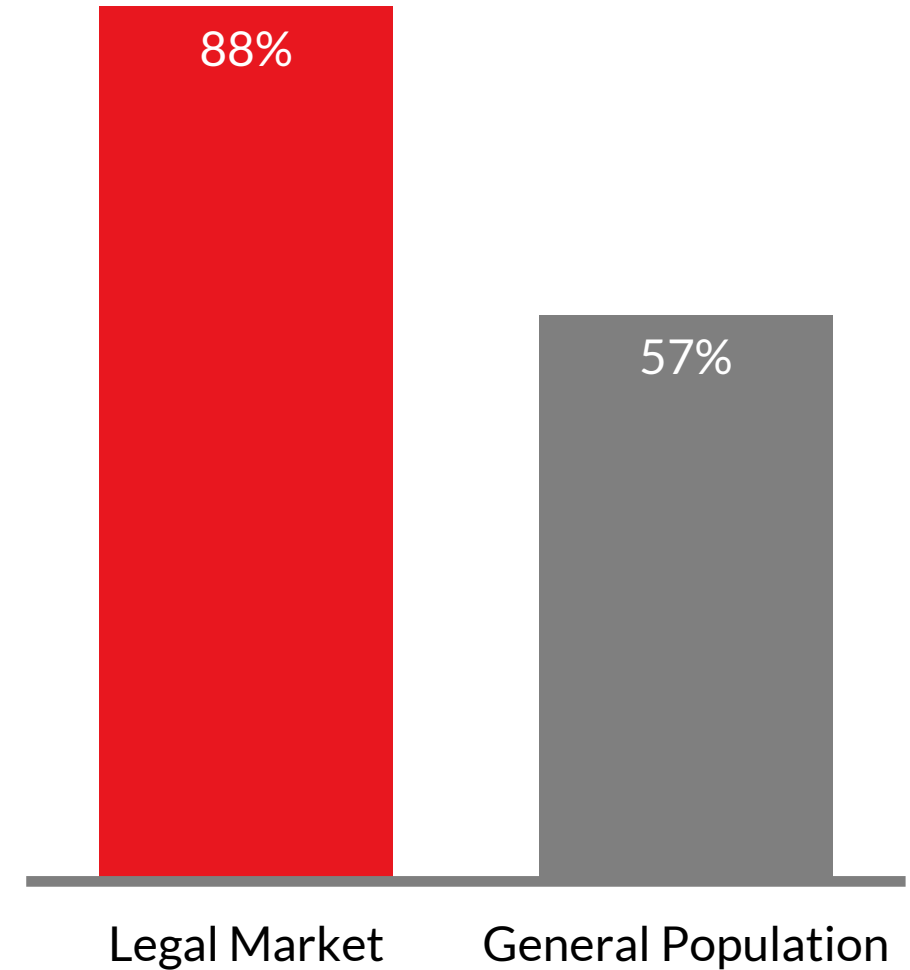
- **Extractive AI**—extracts relevant results from pre-existing data in the system
- **Generative AI**—generates brand new content with the data in the system

New LexisNexis Study **Generative AI & The Legal Profession**

**Significantly increased awareness
of generative AI, like ChatGPT**

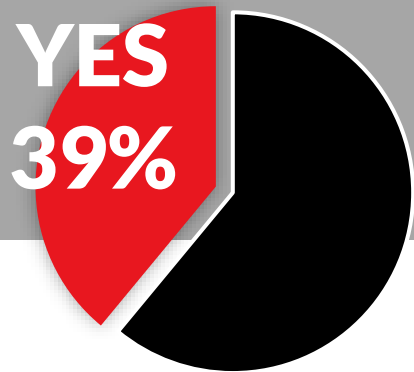
The legal market is significantly more
aware of generative AI than the general
population

Aware of Generative AI

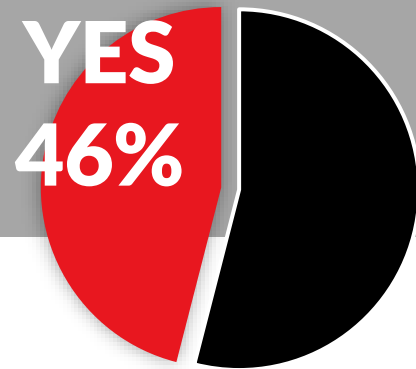


New LexisNexis Study Generative AI & The Legal Profession

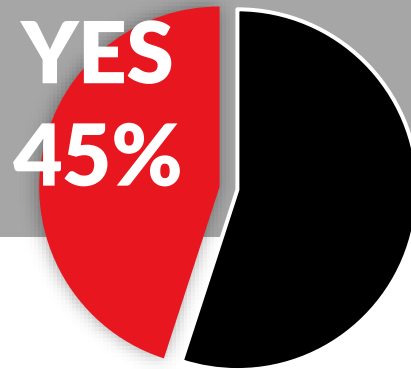
Will generative AI tools significantly
transform the practice of law?



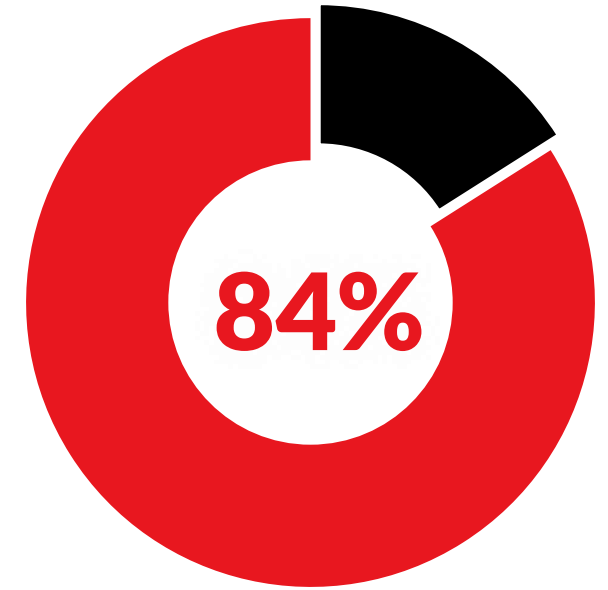
Lawyers



Law Students



Consumers



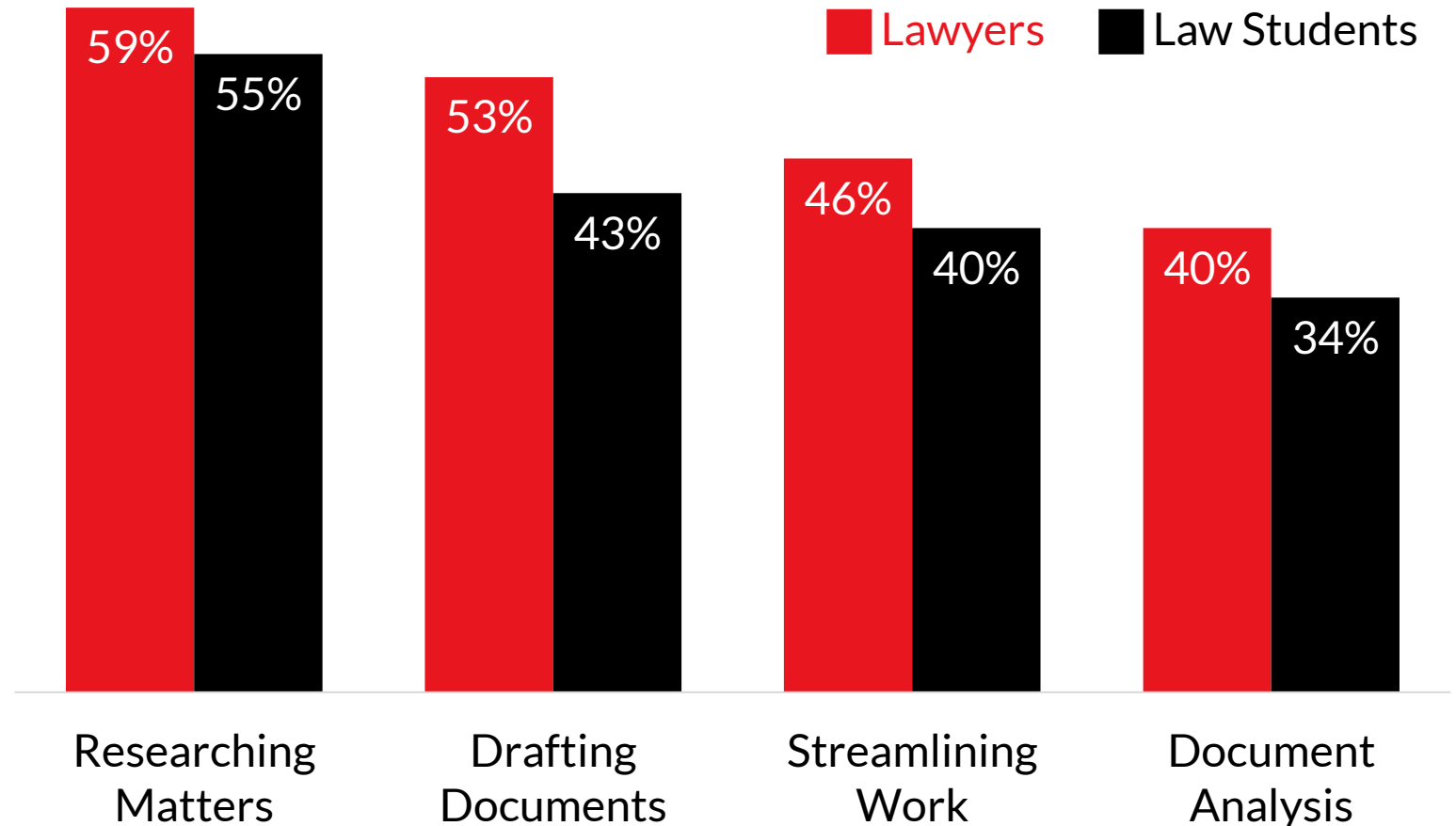
84% believe generative
AI tools will increase the
efficiency of lawyers,
paralegals, or law clerks.

New LexisNexis Study **Generative AI & The Legal Profession**

Four Ways Law Firms, Corporate Counsel, and Law Students Currently Use (or Would Like to Use) Generative AI Tools

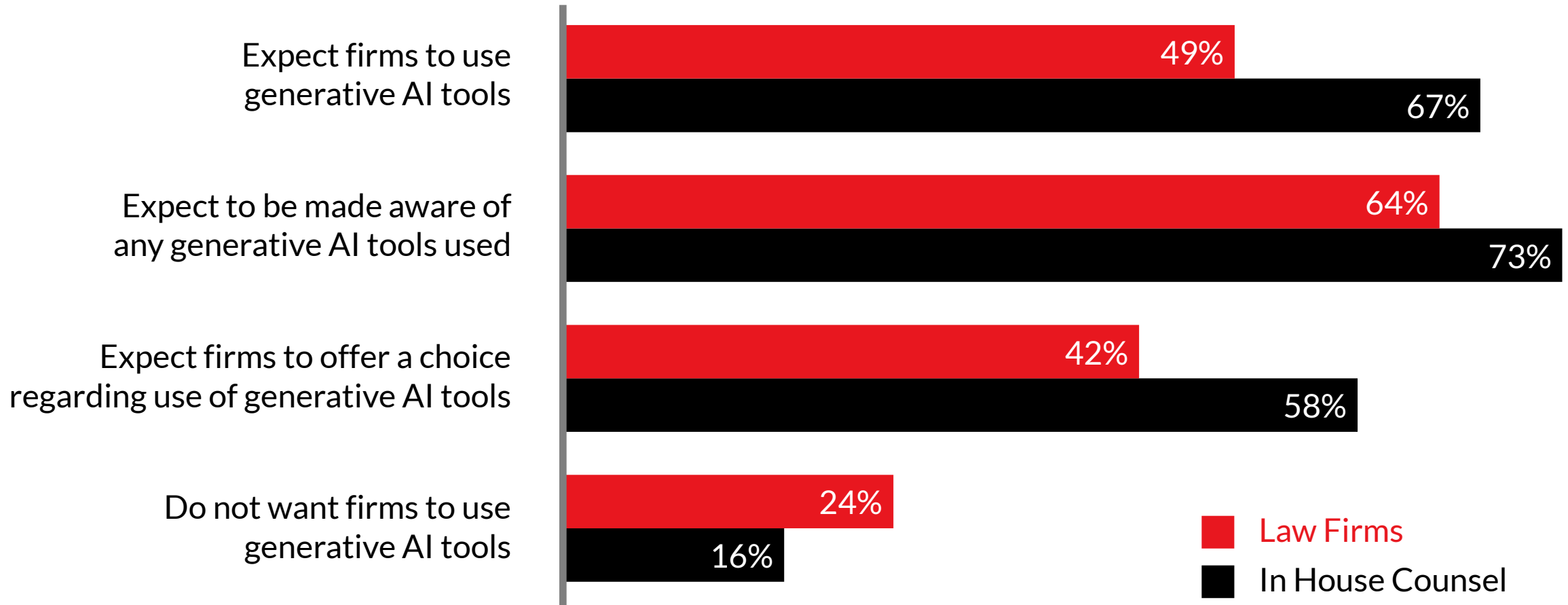
“Speed and efficiency for research and routine writing are the biggest areas of potential.”

- Attorney



New LexisNexis Study

Generative AI & The Legal Profession



New LexisNexis Study

Generative AI & The Legal Profession

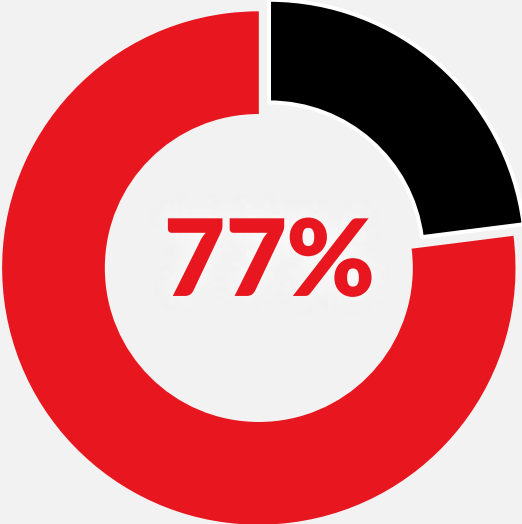
Law Firms:

- **40%** *are* investigating or currently using Generative AI

Corporate Counsel:

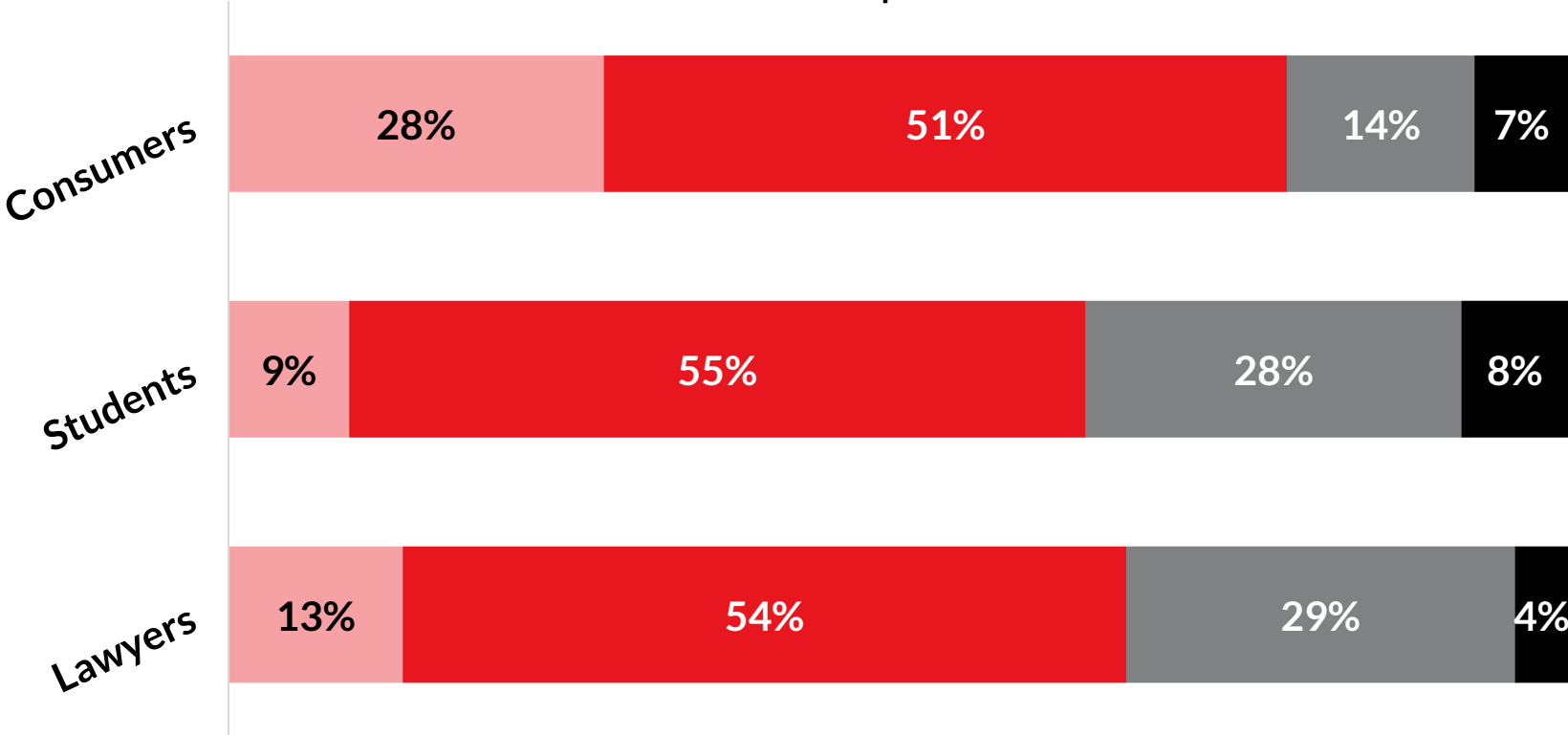
67% *expect* law firms to use cutting-edge tech, including Generative AI

New LexisNexis Study Generative AI & The Legal Profession



Most attorneys and law students see potential for generative AI to advance the practice of law...

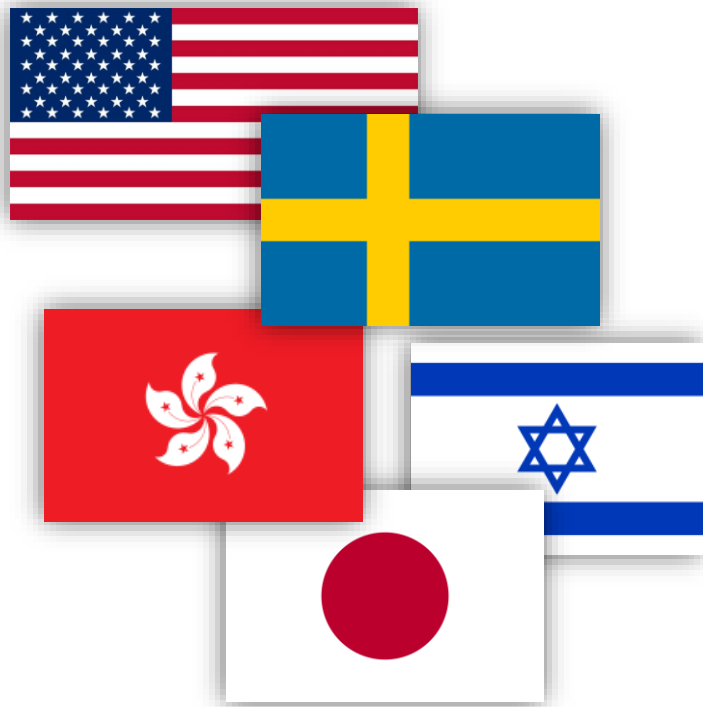
...but many also cite concerns about the ethical implications.



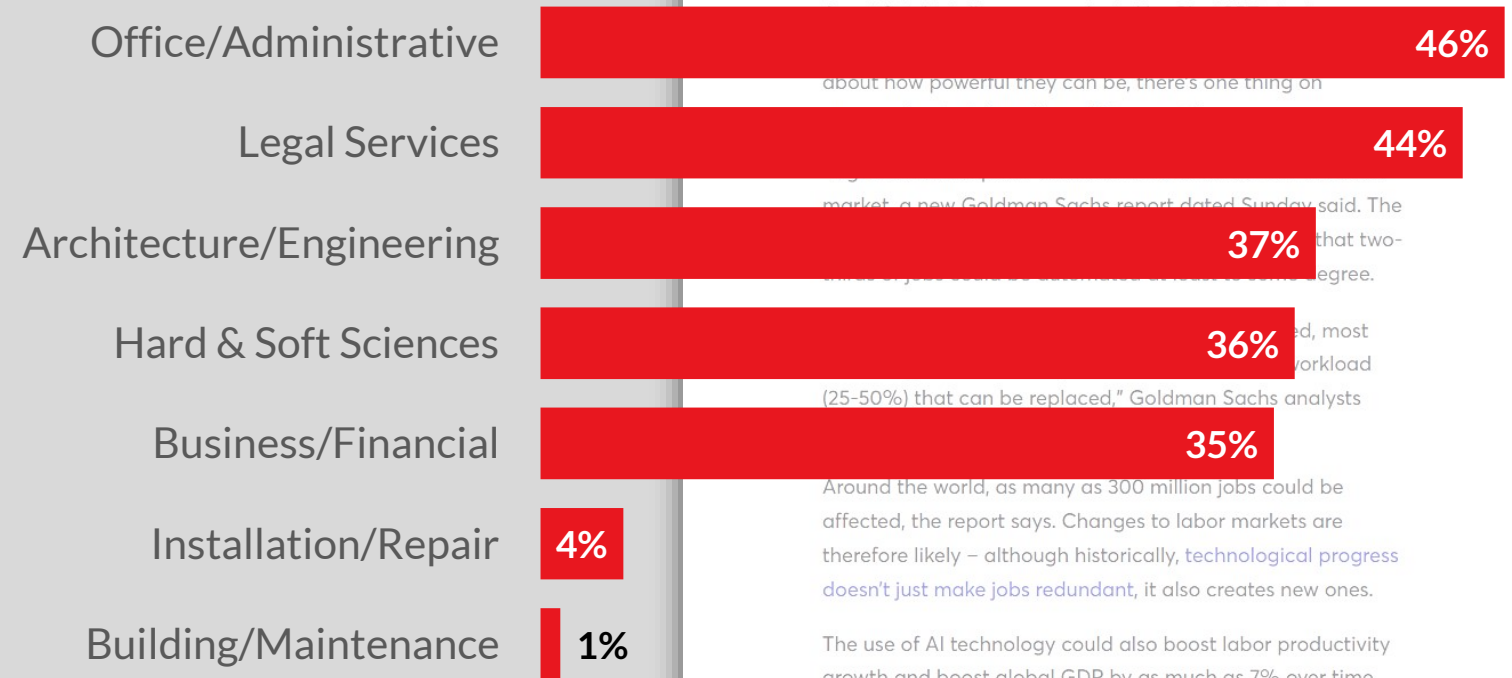
No Concerns Some Concerns Significant Concerns Fundamental Concerns

“Significant Disruption” on the Horizon

Countries Most Affected by A.I. Automation



Jobs Most and Least Affected by A.I. Automation



Goldman Sachs says generative A.I. could impact 300 million jobs

Published Tue, Mar 28 2023-10:03 AM EDT



about how powerful they can be, there's one thing on

market, a new Goldman Sachs report dated Sunday said. The
that two-
egree.

ed, most
workload
(25-50%) that can be replaced," Goldman Sachs analysts

Around the world, as many as 300 million jobs could be
affected, the report says. Changes to labor markets are
therefore likely – although historically, technological progress
doesn't just make jobs redundant, it also creates new ones.

The use of AI technology could also boost labor productivity
growth and boost global GDP by as much as 7% over time,
Goldman Sachs' report noted.

AI Resources

- [AI Terminology for Legal Professionals](#)
- [Study: Generative AI & the Legal Profession](#): Read the [Summary Report and Order the Full Report](#). View the [Press Release](#).
- [Legal Artificial Intelligence Tools Webpage](#): A new dedicated page highlighting our AI tools, survey results, and trending news.
- [LexisNexis Legal Insights Blog](#) (search term, AI)

Thank you!

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