

A 2023 REPORT ON AI **IN PRODUCTION**

STATE OF AI

In 2023, AI—and specifically generative AI—has unequivocally gone mainstream. It seems like everyone has played around with large language models (LLMs)—and, with upwards of 100 million weekly active users, ChatGPT has practically become a household name.

Teachers, politicians, talk show hosts, the bus driver, and your grandparents may be using LLMs for going beyond Googling and oddball comedy bits—but those day-to-day use cases just scratch the surface of the possible. Digging deeper, folks working close to the tech are using a breadth of AI tools to transform products, reimagine businesses and deliver customer experiences in ways previously unimaginable... Or, at least, that's the promise.

So what's the real story? We surveyed over 1,500 tech people—software engineers, eng and business leaders, execs, product folks, designers, and more—in a variety of industries to find out. Read on to learn how they're actually using and building with AI.

Real talk on AI sentiment

Let's start cutting through the noise

Is the AI hype all it's hyped up to be?

With all the buzz and demoware out there, it's easy to get swept up in excitement—but respondents were more discerning than easily blown away.



In fact, they generally considered **AI a bit overrated**, though not dramatically so.

\ How fairly rated is AI?

Fairly Rated

23.4%

Underrated

25.1%

Overrated

51.6%

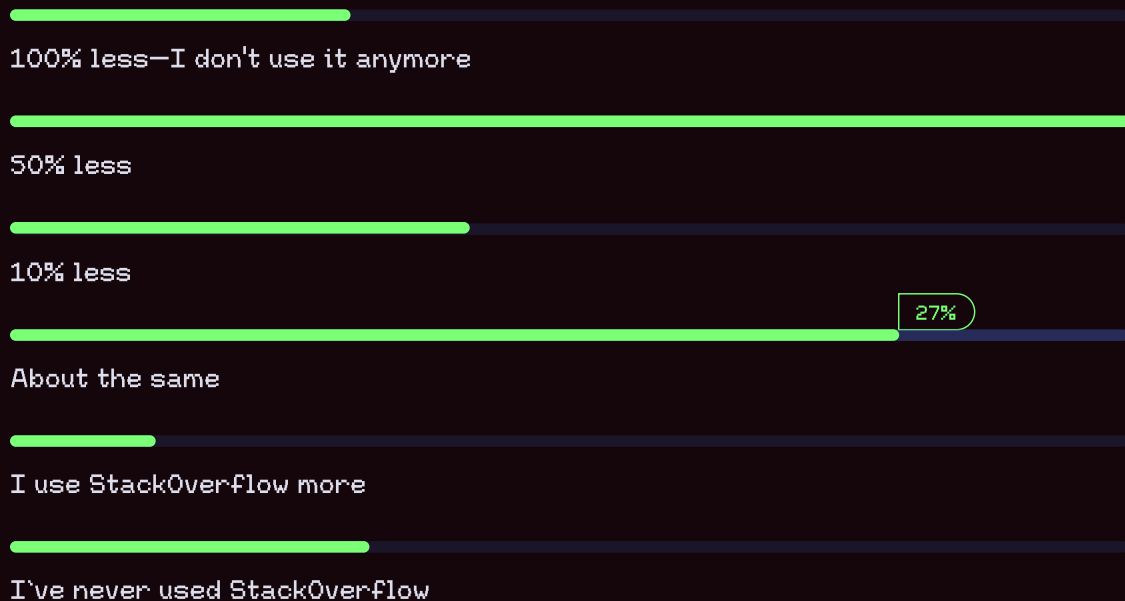
Upper management had the most favorable views: VPs gave an average rating of 5 (fairly rated), and the C-suite averaged 5.3. ICs—often closer to the actual implementation work—skewed a little more toward overrated, with entry-level employees giving an average rating of 5.9 and mid-to-senior ICs 5.

Is AI actually changing how developers learn and work?

You've probably heard the rumblings that [StackOverflow traffic is down](#), and various theories about why. Indeed, 57.6% of respondents say they've been using StackOverflow less since 2022—and just over 10% are no longer using it at all.

They cited GitHub Copilot, along with ChatGPT, as the overwhelming reason (93.7%).

\ How much less have you used StackOverflow this year?



If AI can replace StackOverflow, can it replace...our jobs?

We heard just about as much worry about AI taking over jobs as we did confidence that AI won't replace jobs if you're open to adapting the way you work. But respondents are generally in agreement that AI will change their jobs and industry over the next 5 years—pretty significantly.

\ Expectations around AI impact's on role/industry

