

2024

DOCKER AI TRENDS REPORT

ABOUT THIS

Our yearly survey underscored a marked growth in ML engineering and data science within the Docker ecosystem. This infographic will dive into these high-level AI/ML findings to help you stay abreast of this exciting technological movement. Findings below are calculated based on the 885 complete responses.

1322

PARTICIPANTS WERE RECRUITED

USER BASE



42%

Working for a small company
(up to 100 employees)



28%

Working for a mid-sized company
(between 100 and 1000 employees)



25%

Working for a large company
(more than 1000 employees)

TYPES OF DEVELOPERS

ROLE DISTRIBUTION

36%

Identified as Back-End or Full-Stack developers

21%

Identified as DevOps or Platform Engineers, or Infrastructure Managers

EXPERIENCE DISTRIBUTION

46%

0-5 years experience

54%

6+ years experience

AI TREND IMPORTANCE

Top-selected options identified as important industry trends in software development:



40% of respondents chose GenAI

Senior developers, DevOps, Infrastructure Managers, and Platform Engineers view GenAI as most important.



38% of respondents chose AI assistants for software engineering

Junior developers view AI assistants for software engineering as most important.

AI SENTIMENTS

HOW DO RESPONDENTS FEEL ABOUT AI?



65% agree that AI is a positive option



61% agree that AI makes their jobs easier

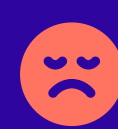


55% agree that AI allows them to focus on more important tasks

VS



23% see AI as a threat to their jobs



19% say it makes their jobs more difficult

AI USAGE

64%

of respondents report using AI for work



33% for writing code



29% for writing documentation



28% for research



23% for writing tests



21% for troubleshooting/debugging



20% for CLI commands

AI DEPENDENCY

0 1 2 **4.04** 6 7 8 9 10

Asked respondents who use AI for work, on a scale of 0 (not at all dependent) to 10 (completely dependent).

Overall average reported was 4.04 out of 10.*

* Responses ranged quite a bit and varied by role/years of experience

AI TOOLS IN USE



46% of respondents report using ChatGPT



30% of respondents report using GitHub Copilot



19% of respondents report using Bard

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