Bito

Interesting Insights from AI-Driven Software Development

AUGUST 2023

Agenda


Background on Bito
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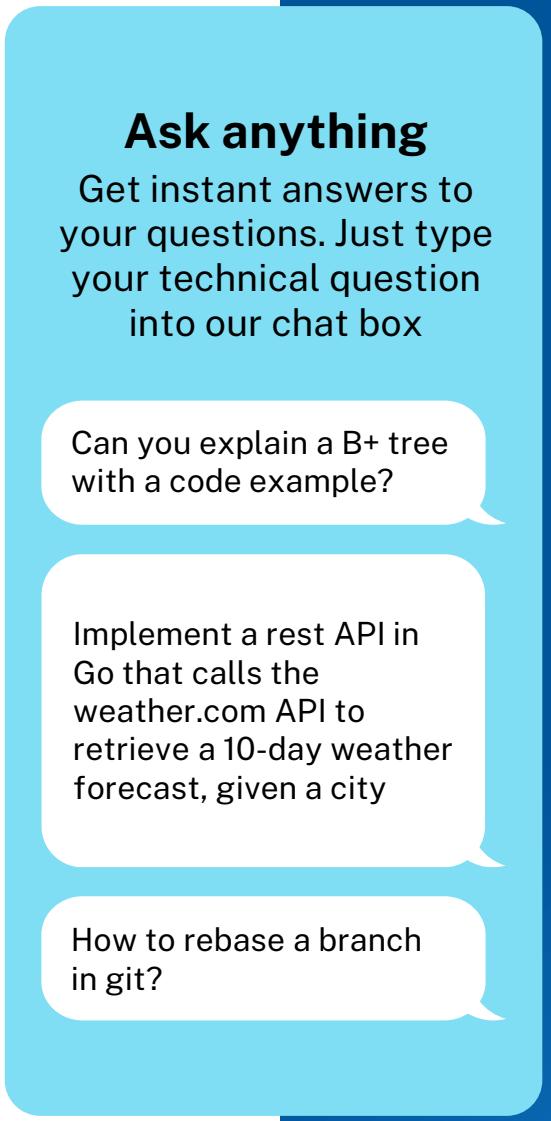
Background on Bito Users
2
Early Usage Data
3

Background on Bito

Bito is a game-changing productivity tool that dramatically accelerates developers by bringing OpenAI and Anthropic's AI to everyday developer workflows

Bito's plugin integrates seamlessly into a developer's IDE and CLI, providing instant access to their own personal AI assistant



Unlock your team's potential

200x Usage/Month Beats Search

31% Increase in Productivity

<1 Sec Average Response Time

100K+ Developers Use Bito

1M+ Coding Tasks Completed Weekly

Used by 37% of the NASDAQ 100

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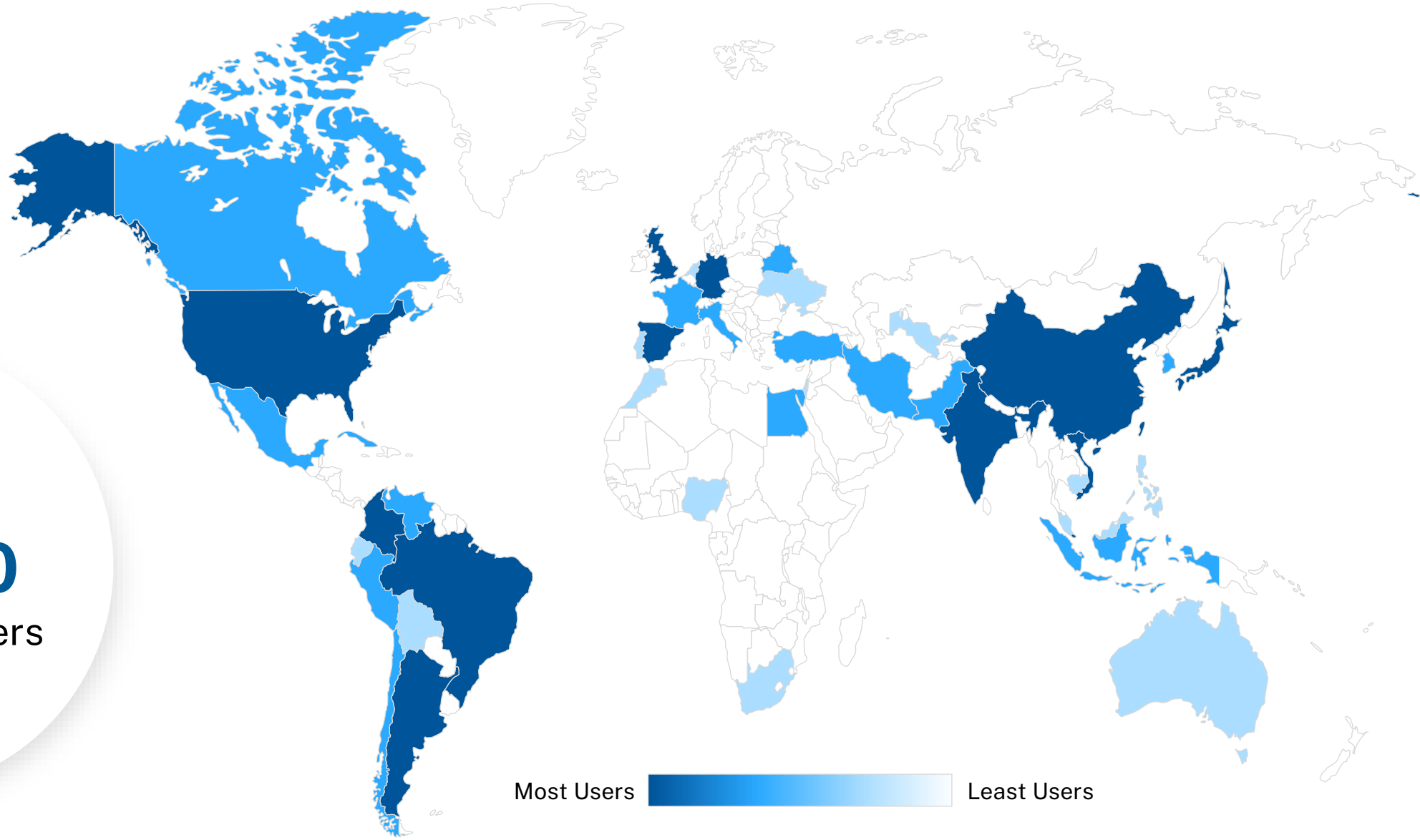
Explaining Bito Users

Bito users are from all over the world

Over
100,000
active developers



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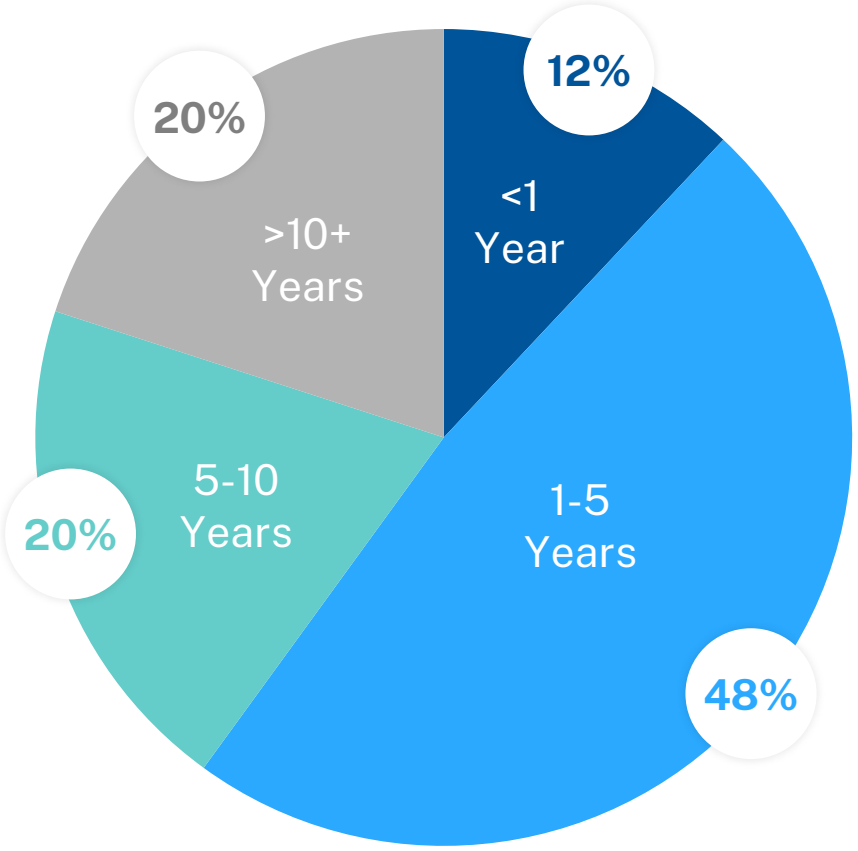
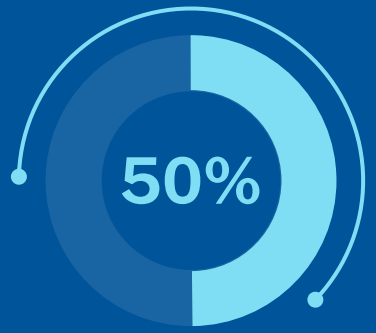
Years of Experience as a Developer

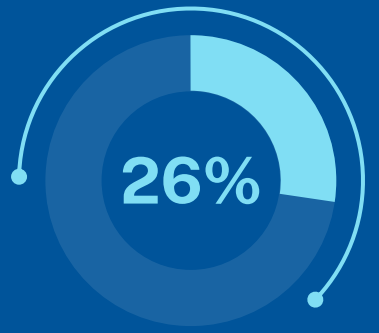


Company size

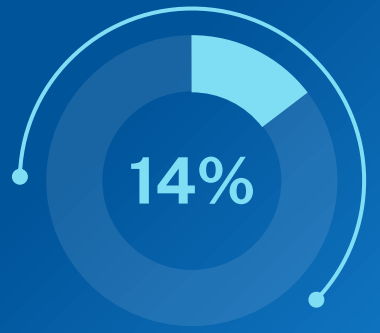
How many developers are in your company?



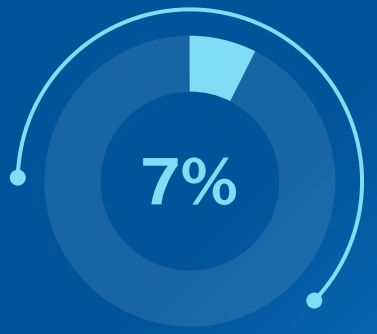
Less than 10



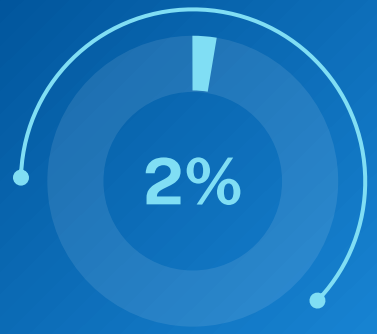
10-50



51-250



Over 1,000



251-1,000

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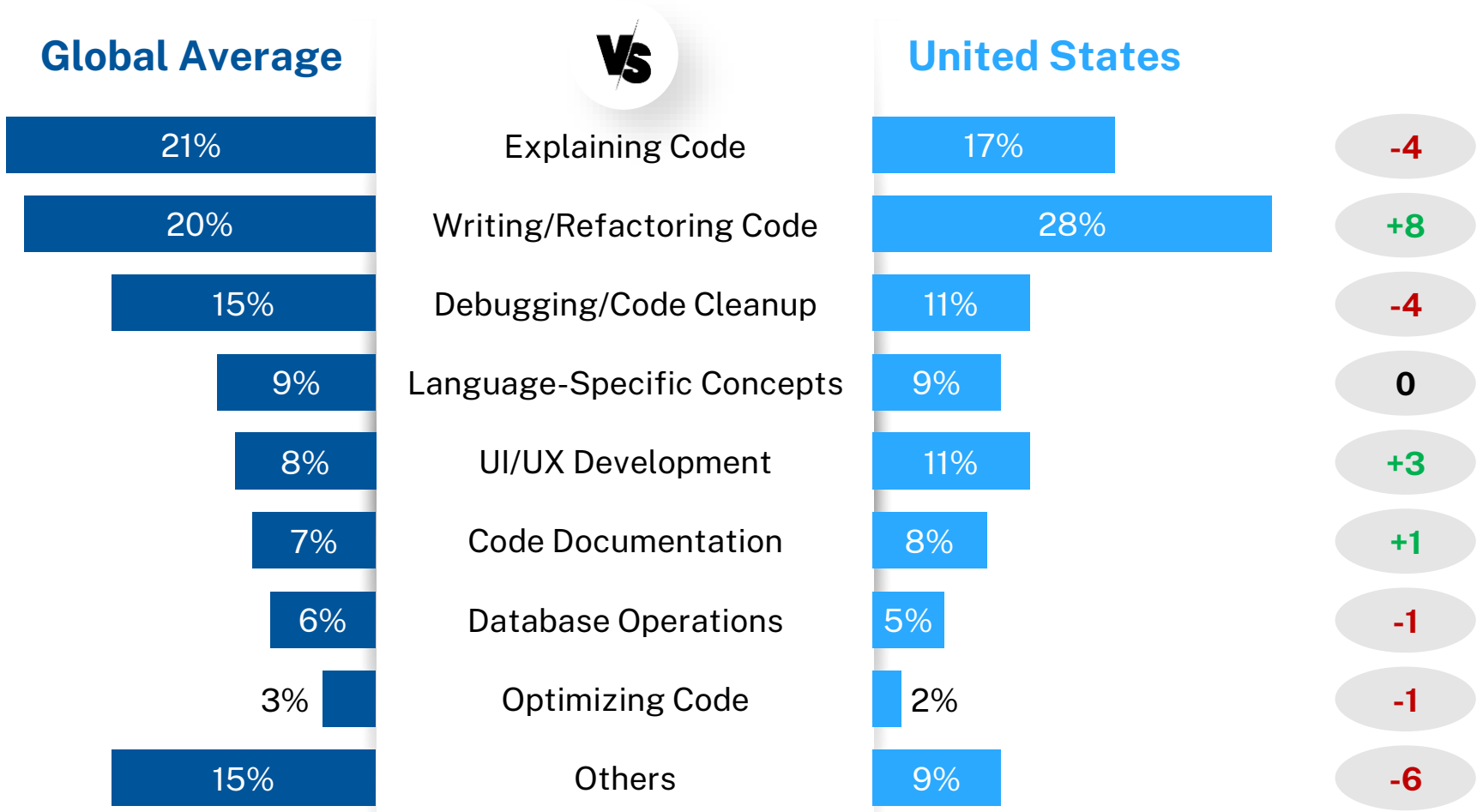
This is how developers are using AI tools to help themselves



Comments

- Writing/ Refactoring Code in United States is higher than the Global Average
- Less focus on code explanation and debugging

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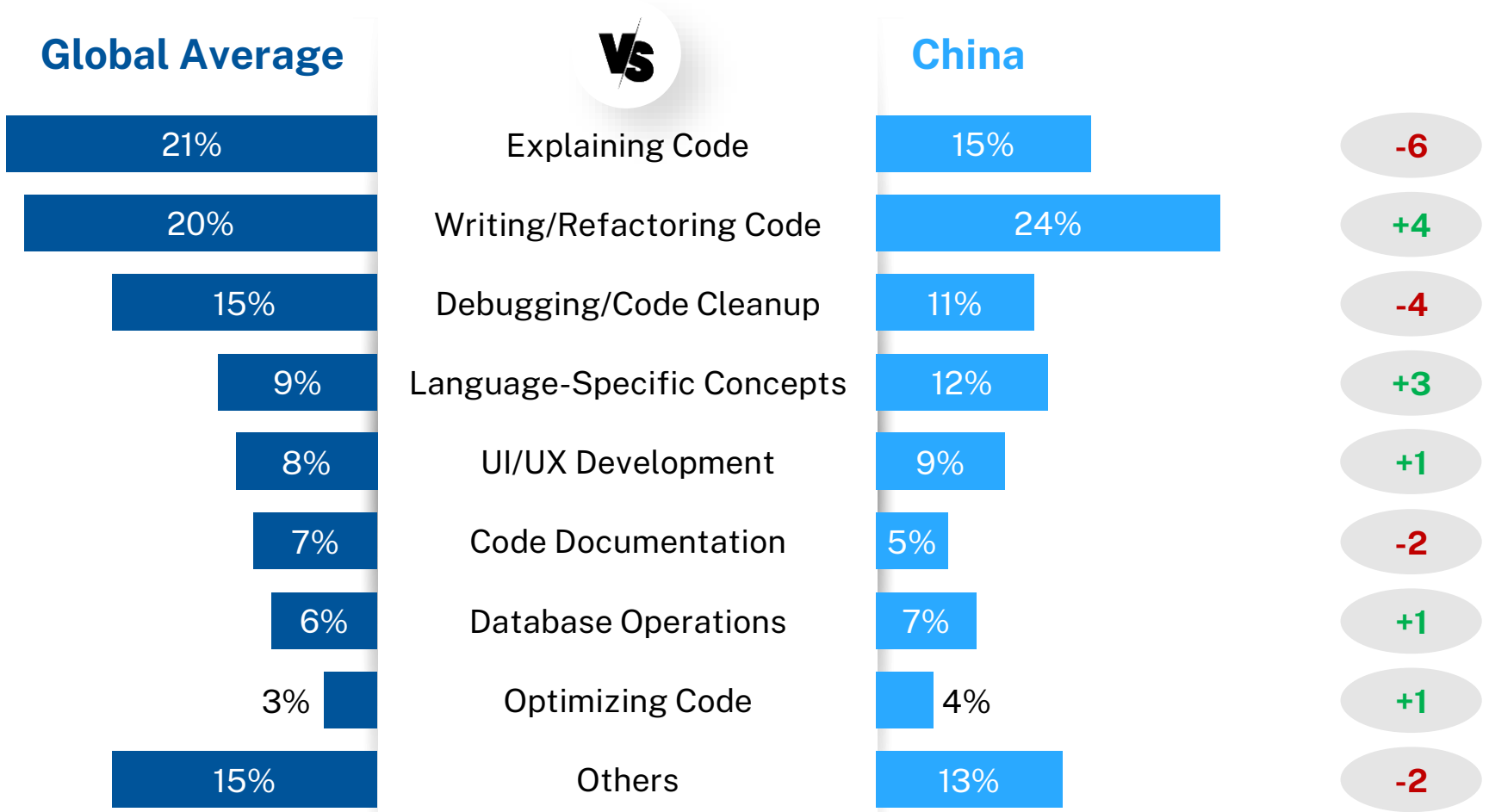
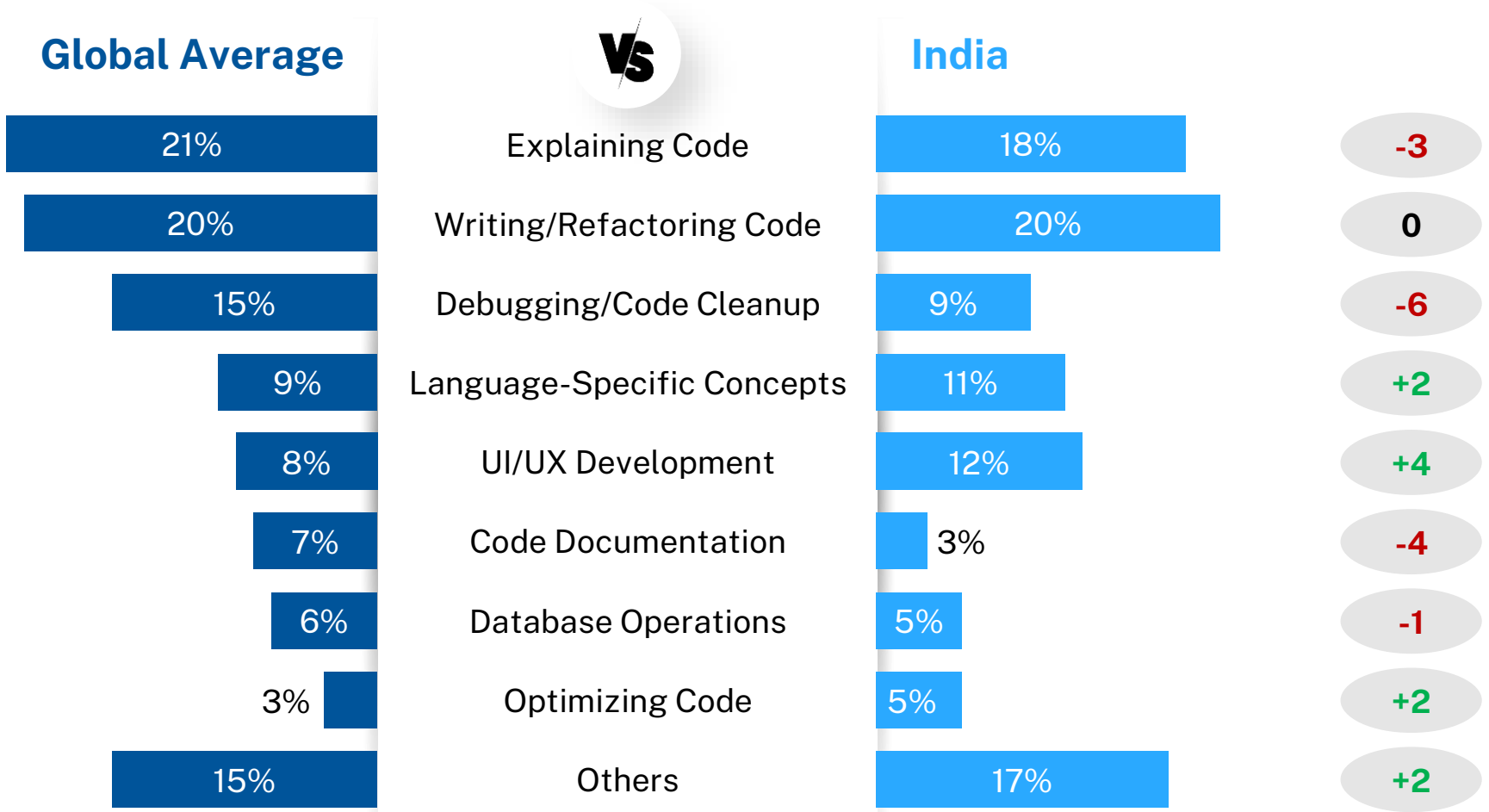
This is how people are using AI tools to help themselves, when they have a full chat and AI model available to them (2/3)



Comments

- Writing/ Refactoring Code in China is higher than the Global Average
- Less focus on code explanation

This is how people are using AI tools to help themselves, when they have a full chat and AI model available to them (3/3)



Comments

- UI/UX Development in India is higher than the Global Average
- There is no difference/change in Writing/ Refactoring Code
- Code Documentation is less in India compared to Global Average

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This is how developers are using AI tools to help themselves

	Global Average	United States	China	India
Explaining Code	21%	17%	15%	18%
Writing/Refactoring Code	20%	28%	24%	20%
Debugging/Code Cleanup	15%	11%	11%	9%
Language-Specific Concepts	9%	9%	12%	11%
UI/UX Development	8%	11%	9%	12%
Code Documentation	7%	8%	5%	3%
Database Operations	6%	5%	7%	5%
Optimizing Code	3%	2%	4%	5%
Others	15%	9%	13%	17%

Summary Provided by ChatGPT of the Analysis

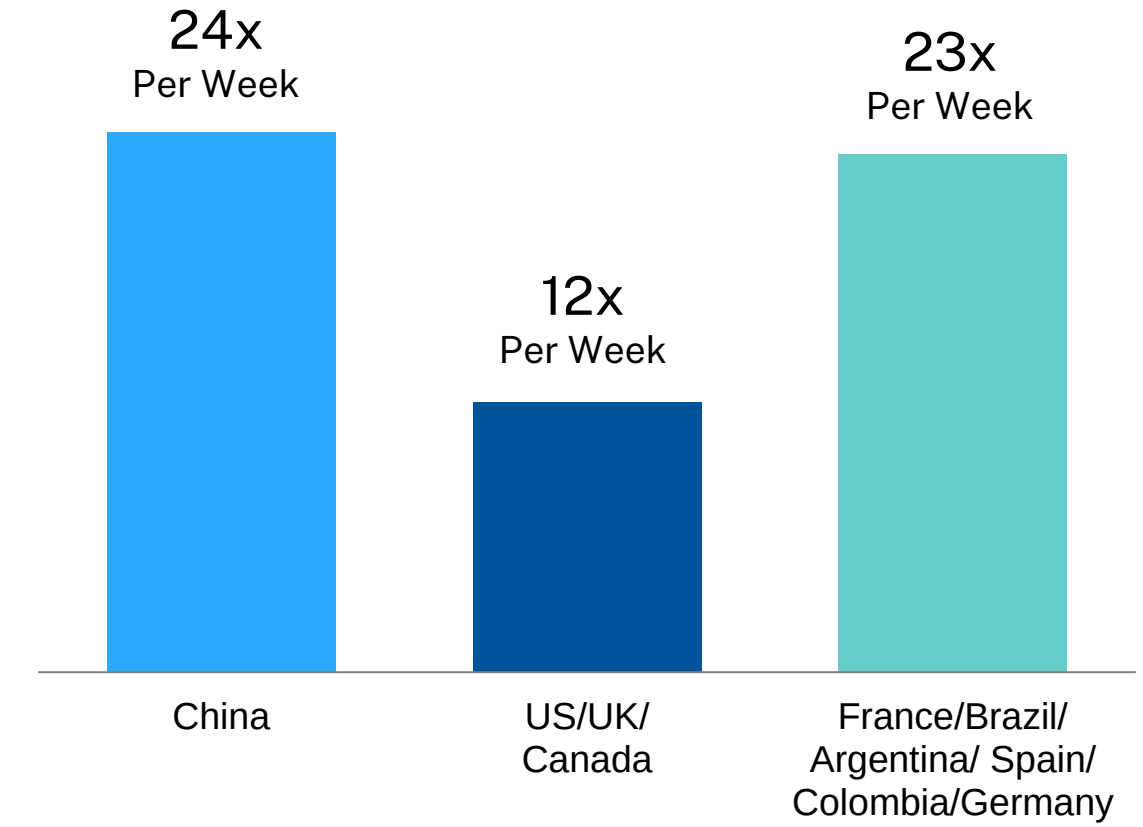
1 Code Explanation	Despite the advancement of technology, explaining code continues to consume a significant amount of time across all regions. Globally, it ranks as the activity with the highest percentage at 21%. Interestingly, the United States, China, and India, being technological powerhouses, allocate less time to this task than the global average, suggesting that there might be more experienced developers in these regions
2 Writing/ Refactoring Code	The United States stands out, with developers spending 28% of their time on writing/refactoring code, which is higher than the global average of 20%. This may indicate a strong emphasis on software quality and maintainability in the United States
3 UI/UX Development	Developers in India seem to invest more in UI/UX development, with 12% compared to the global average of 8%. This might be a reflection of a larger focus on front-end development or applications that require significant user interactions in this region
4 Code Documentation	There is a noticeable reduction in the time spent on code documentation in India (3%) compared to the global average (7%). This could potentially indicate a lack of emphasis on this crucial software development best practice in the region
5 Optimizing Code	Globally, optimizing code takes the least amount of time, suggesting that the primary focus of development may not be on performance optimization, but more on other areas like writing/refactoring, explaining code, and debugging/cleanup
6 Debugging/Code Cleanup	This task seems to be given less emphasis in India (9%) compared to the global average (15%). The reason might be an increased focus on development activities as opposed to maintaining existing code

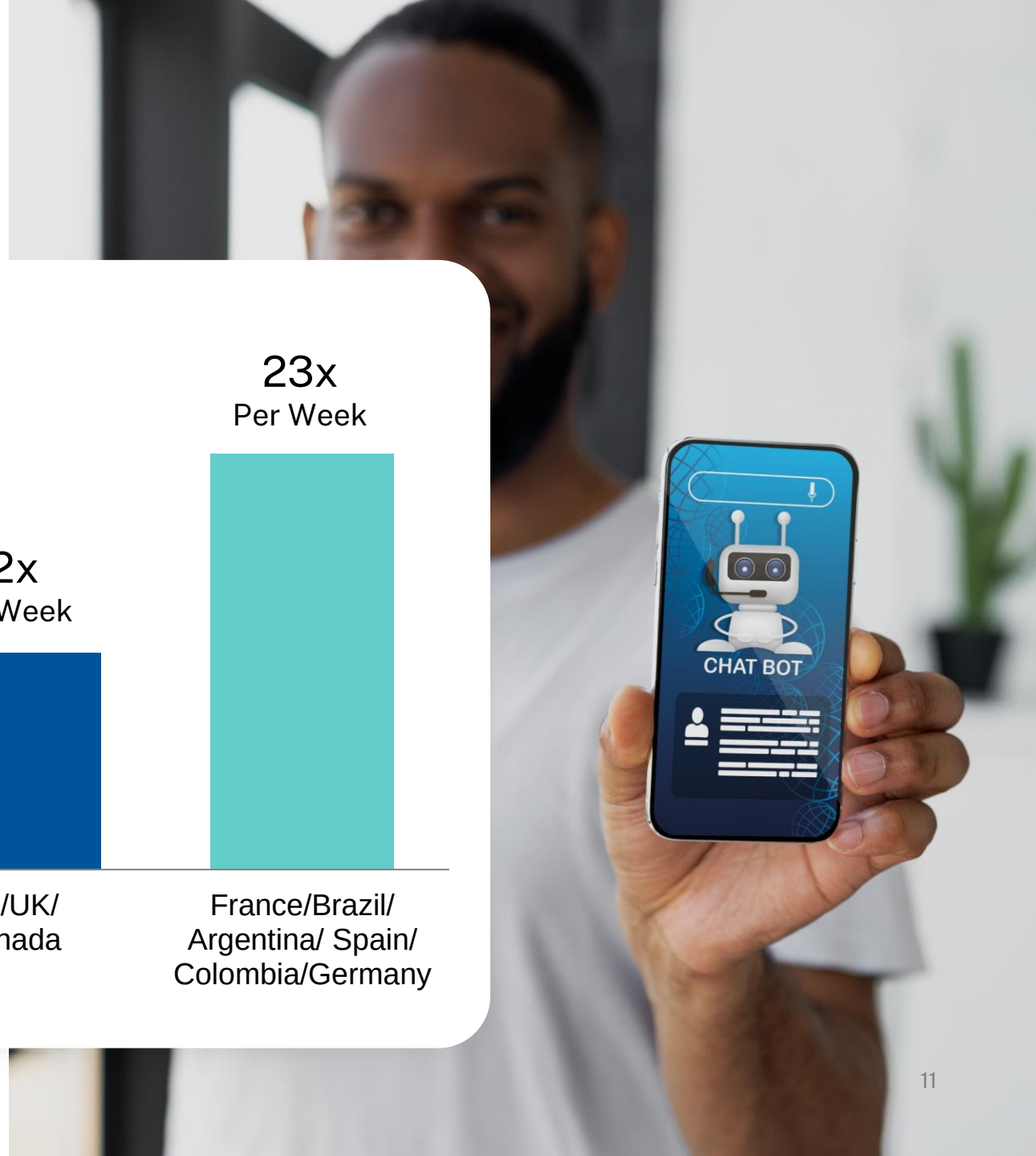
Frequency of Chat Usage

Countries with significant chat cultures (China using WeChat, Brazil/ Argentina using WhatsApp) are using AI chat feature almost

2X per user per week

as compared to less chat-oriented cultures (US/UK/ Canada)





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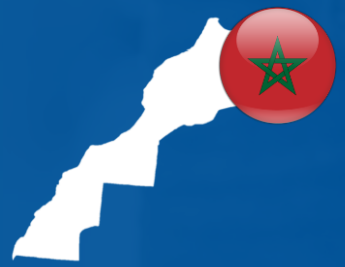
Few Countries Exhibit Unique Behaviors

In terms of specific use cases, a few countries stand out

Zimbabwe is using "explain" feature 4X the avg. Peru, and Kenya almost 2X the avg

Hungary is using "generate comment" 5X the avg

Bangladesh is using "generate tests cases" 4X the avg



Morocco is using "performance check" 2X the avg and "style check" almost 2.5X the avg

Thank You