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ANTHROPIC'S NEW STUDY · THE THREE BIGGEST TAKEAWAYS

# Claude Code

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**Coding backgrounds are less relevant.**

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**Management occupations show the highest success.**

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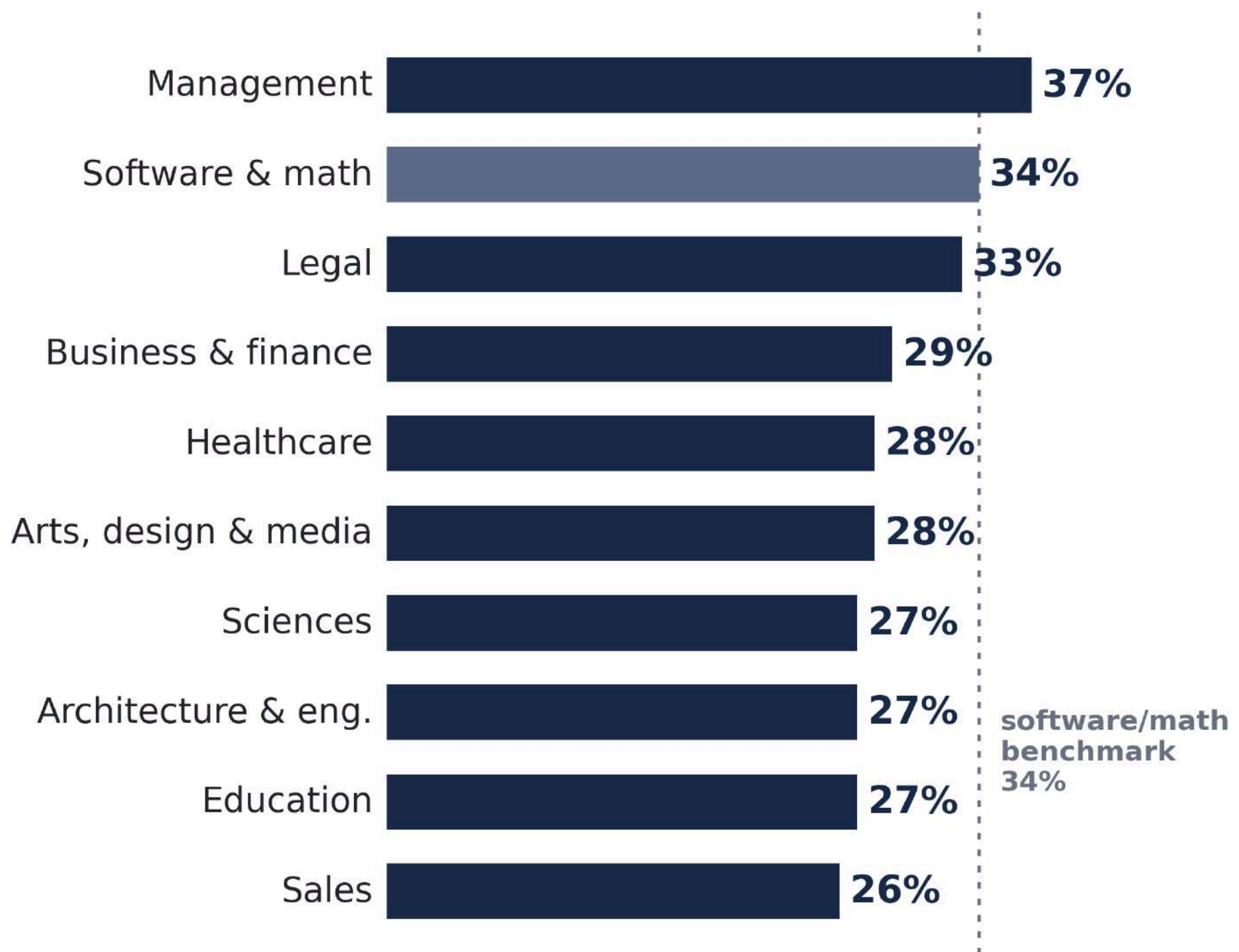
**More domain expertise, more success.**

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Based on Anthropic's analysis of about **400,000 Claude Code sessions** from **235,000 people**, October 2025 to April 2026. Findings quoted in full inside.

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**“Every major occupation succeeds at rates within a few points of those in software-related occupations.”**



*Verified success rate (committed work, passing tests, or explicit user confirmation) in code-producing sessions, by inferred occupation. Read from Anthropic, Figure 6.*

**Software engineers verified at 34%. Lawyers, analysts, scientists, marketers, sales: every one of the ten largest groups lands **within seven points**.**

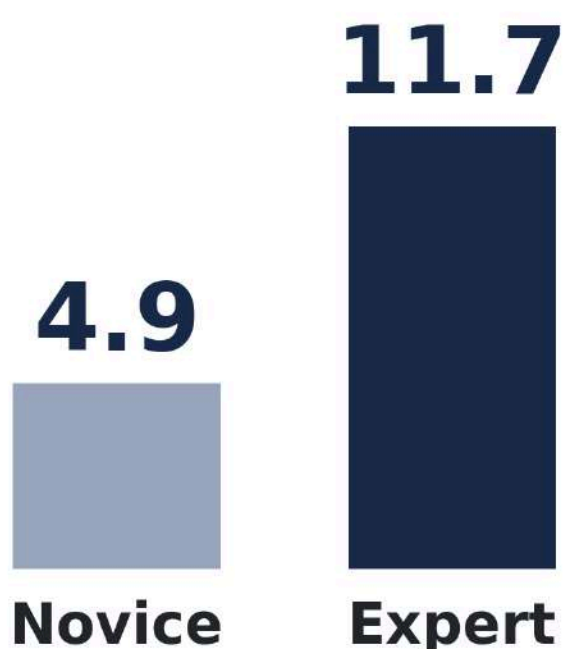
**“Management occupations are highest on verified success, slightly above the software engineering occupations.”**

Anthropic's own read: their higher success “may reflect **management skills that transfer to directing an agent.**” With a caveat, that it “may also partly reflect our measurement,” since managers may be quicker to confirm when they got what they asked for.

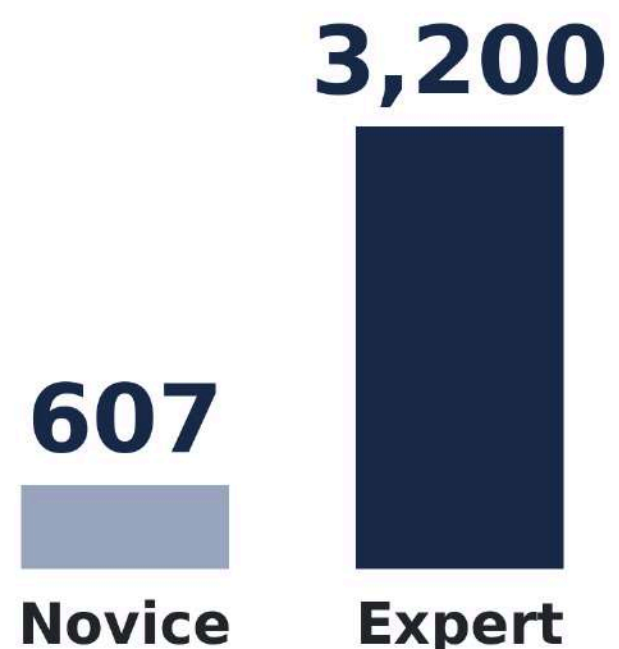
# “The greater domain expertise a person brings to a session, the more work Claude does per instruction.”

Same tool, different driver. Anthropic measured how much Claude does off a single prompt, by the user's rated expertise at the task.

## Actions per prompt



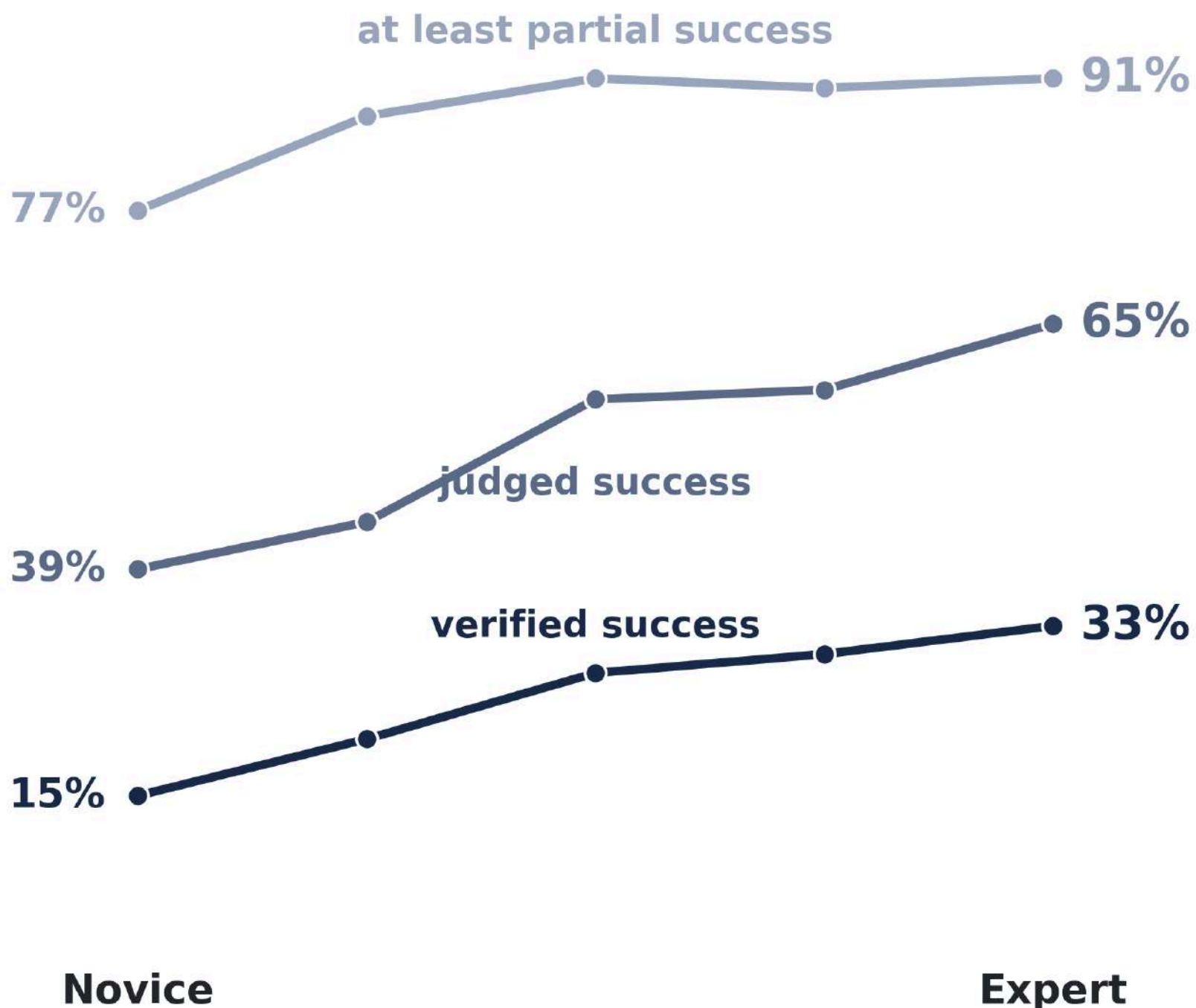
## Output words per prompt



*Claude actions and words of output set off by a single prompt, novice versus expert. Read from Anthropic, Figure 3.*

More than twice the actions and **five times the output** from the same instruction. Expertise here is task-specific, not job title.

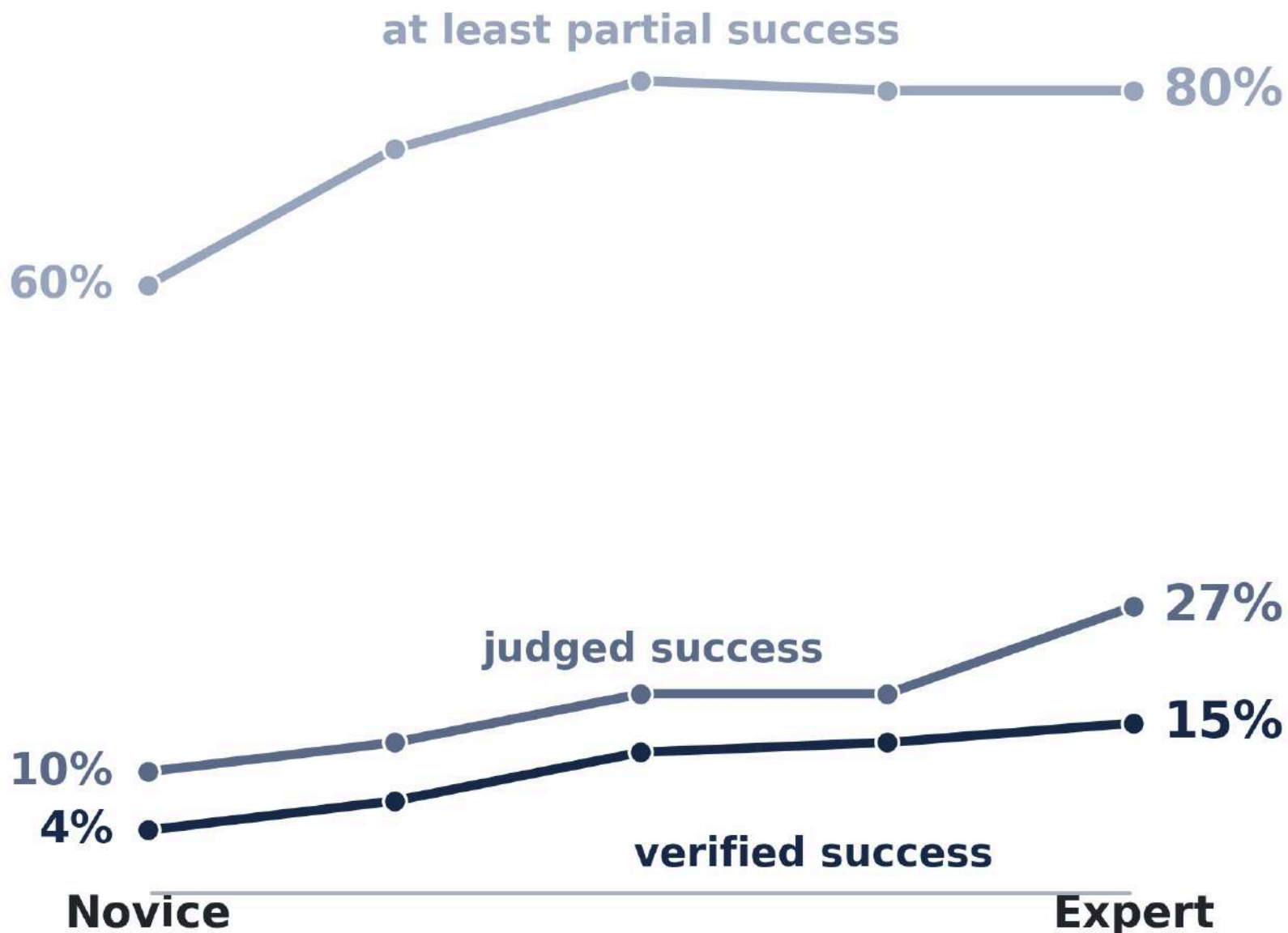
**“The more domain expertise a person has, the more often the session ends in success.”**



Share of all sessions ending in success by the user's rated expertise at the task, novice (1) to expert (5). Read from Anthropic, Figure 5.

**Verified success more than doubles, 15% to 33%.  
Most of the jump comes early, moving from novice to intermediate.**

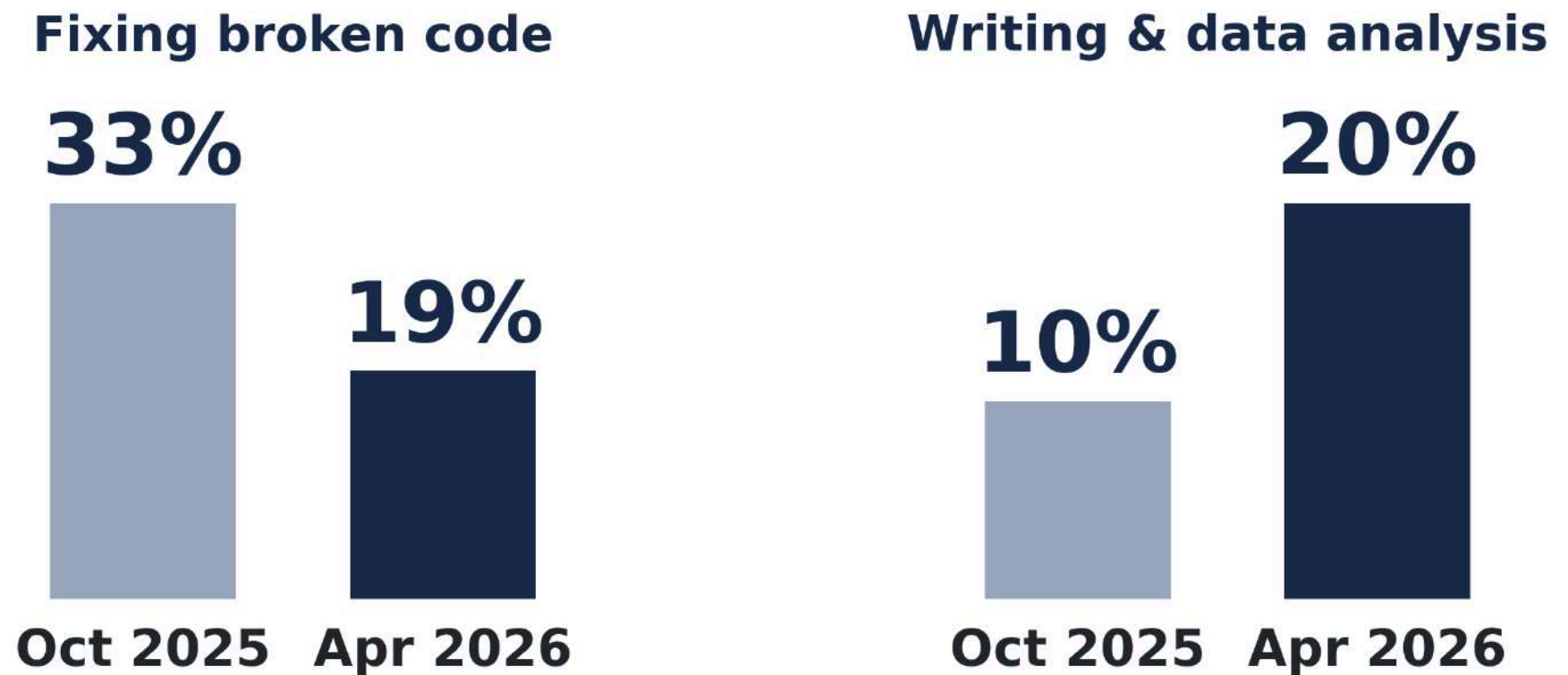
# When a session hits trouble, expertise is what pulls it back.



Among sessions that hit trouble (errors, failed tests, retries, pushback), the share that still end in success, by expertise. Read from Anthropic, Figure 5.

**“19% of sessions where the user appears to be a novice end abandoned, against 5 to 7% for everyone else.”**

# “The share of sessions spent fixing broken code fell from 33% to 19%.”



Share of sessions by work mode, October 2025 versus April 2026. Writing and data analysis “roughly doubled.” Read from Anthropic, Figure 4.

## +27%

Value of the average task, versus a freelance-market benchmark

The mix is shifting from fixing toward **building, running, analyzing and writing**, and the typical task is **worth more**.

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**“These findings are preliminary.”**

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**“We cannot measure real-world outcomes... whether code written in a session is actually used or discarded.”**

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**Nor whether a session “produces an economically valuable artifact.”**

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**Every label comes from a model reading the transcript, and “classifiers remain challenging to validate at scale.”**

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**A useful proxy. The real-world result stays unmeasured.**

# Where I build & write

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Live macro data, database AI, quants and MCP servers, plus **45 live apps**, **200+ build guides** and a security checklist for tool builders: [tigzig.com](https://tigzig.com).

**Agent-first portal.** Point **Claude Cowork**, **Claude Code**, or any AI agent at [tigzig.com](https://tigzig.com): it finds the right tool, guide or dataset, hits the APIs to pull and analyze the data, and sets up the open-source tools and MCP servers for you.

## Source & method

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### THE REPORT

**Agentic coding and persistent returns to expertise.** Zoe Hitzig, Maxim Massenkoff, Eva Lyubich, Ryan Heller, Peter McCrory. Anthropic, 16 June 2026. [anthropic.com/research/claude-code-expertise](https://anthropic.com/research/claude-code-expertise)

A privacy-preserving analysis of about **400,000 interactive Claude Code sessions** from about 235,000 people, Oct 2025 to Apr 2026, classified by a model reading each transcript and cross-checked against automatic telemetry.

### WHAT I DID HERE

Every headline is a **direct quotation**. All charts were **rebuilt from Anthropic's figures** (3 to 6) in this house style; all data is Anthropic's.