

# The spectrum of agentic coding

@ykdojo at @daftengine

ykdojo / kaguya

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ykdojo Merge pull request #39 from ignacio-r/check-port-3000 2930965 · 3 years ago 82 Commits

FILE	Commit Message	Time
FILES	Initial commit	3 years ago
pages	Update readMultipleFiles.js #34	3 years ago
public	Update openapi.yaml #34	3 years ago
styles	Integrated Swagger UI for API documentation	3 years ago
utils	Use token count to limit readMultipleFiles	3 years ago
.gitignore	Initial commit	3 years ago
Dockerfile	Added ffmpeg installation to Dockerfile	3 years ago
LICENSE	Create LICENSE	3 years ago
README.md	Update README.md	3 years ago

About

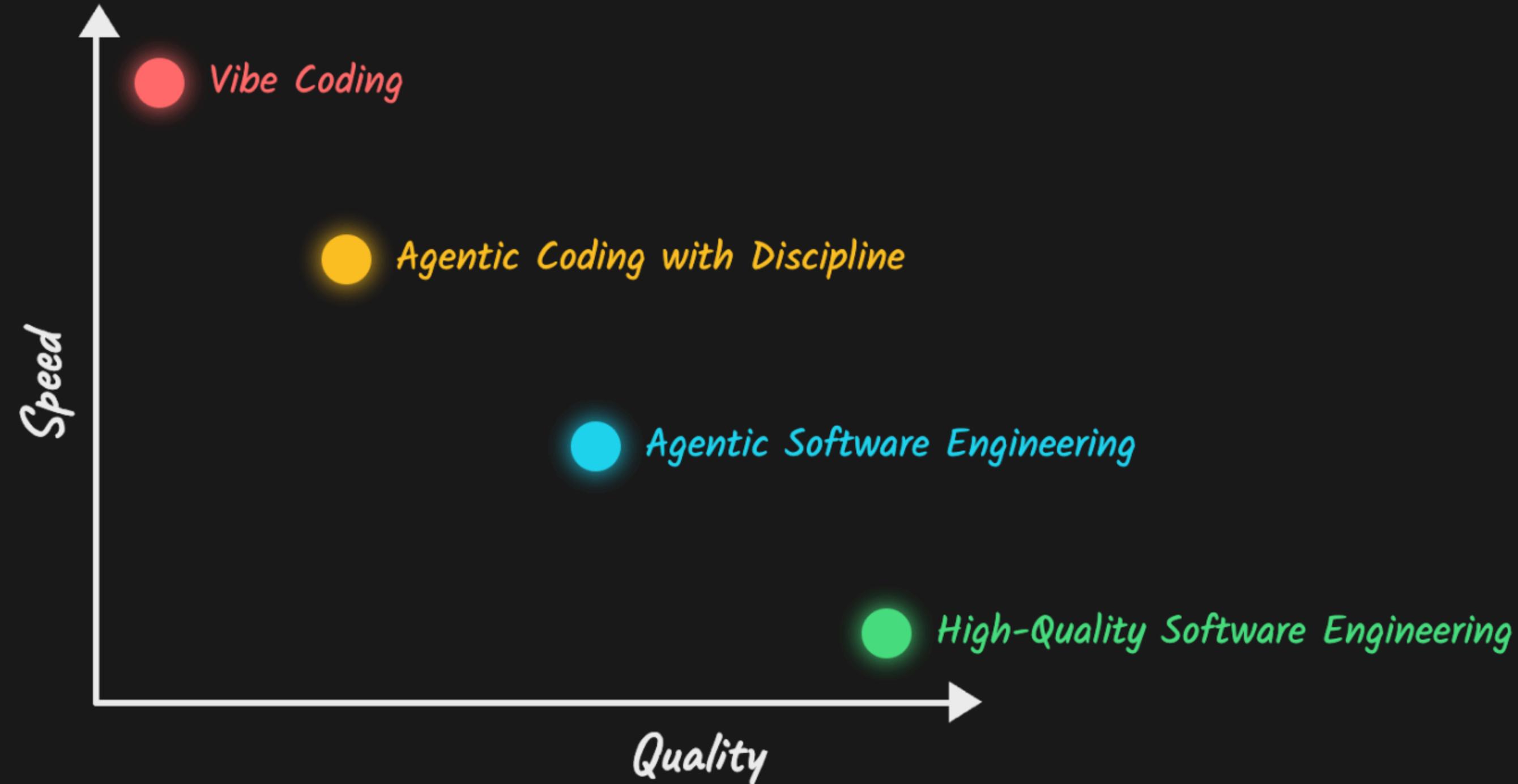
A ChatGPT plugin that allows you to load and edit your local files in a controlled way, as well as run any Python, JavaScript, and bash script. (No longer active - check <https://github.com/ykdojo/safeclaw/>)

Readme MIT license Activity 1.2k stars 12 watching 186 forks

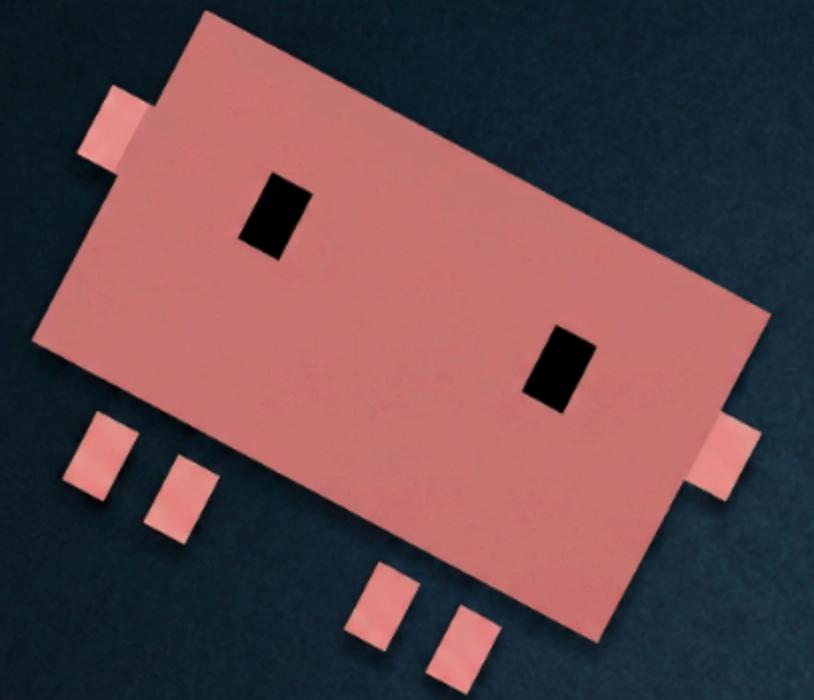
Releases

No releases published

**Vibe coding and traditional software  
engineering are not opposites**



# **Four levels of agentic coding**



# THE FIFTY SHADES OF AGENTIC CODING

YK SUGI

# **Level 1: Vibe coding**









**Fine for one-off projects**

**Don't expect it to be maintainable**

## **Level 2: Agentic coding with discipline**







- Version control - Git and GitHub
- File-level understanding
- Basic security precautions
- Testing - make sure it actually works

# **Level 3: Agentic software engineering**









## **Additional quality control measures**









# **Level 4: High-quality software engineering**

- Line-by-line understanding

- Line-by-line understanding
- Self-reflection loops

- Line-by-line understanding
- Self-reflection loops
- Interactive AI code reviews

## Live terminal demo

```
To run locally: cd ~/Desktop/projects/librarian2 && ttyd -i 127.0.0.1 -p 7777 -W tmux new -A -s demo \; set status off \; set mouse on
```

The screenshot shows a GitHub pull request page for the repository `Eventual-Inc / librarian2`. The pull request is titled "Support OAuth token auth and fix subagent usage tracking #2". It has been merged by `ykdojo` 13 hours ago. The pull request has 0 conversations, 11 commits, 0 checks, and 213 files changed. A note indicates that due to the size of the pull request, only one file can be shown at a time, with a link to try a new experimental mode. The main content area displays a single JSON file, `...traces/baseline_20260128_144132_trace.jsonl`, showing a single log entry:

```
1 + {"timestamp": "2026-01-28T14:41:35.206764", "type": "unknown", "raw": {"_class": "SystemMessage", "data": {"type": "system", "subtype": "init", "cwd": "/Users/yk/Desktop/projects/librarian2", "session_id": "0514a844-ceb4-4ca6-9b05-ed108a7fbc16"},
```

[github.com/Eventual-Inc/librarian2/pull/2](https://github.com/Eventual-Inc/librarian2/pull/2)

- Advanced research methods

- Advanced research methods
- AI-powered quality control

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- AI-powered quality control
- Accelerated learning

Level	Quality	Speed	Testing	Code Review

<b>Level</b>	<b>Quality</b>	<b>Speed</b>	<b>Testing</b>	<b>Code Review</b>
Vibe Coding	Low	Lightning	Bare minimum	None

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Agentic Software Engineering	Medium	Fast	Thorough	One-shot
High-Quality Software Engineering	High	Decent	Rock solid	Interactive

**Master all four levels**

# **Master all four levels**

Be flexible

**Sometimes vibe coding is fine**

## **Sometimes vibe coding is fine**

Quick prototypes, one-off scripts, experiments

**Sometimes you need high quality**

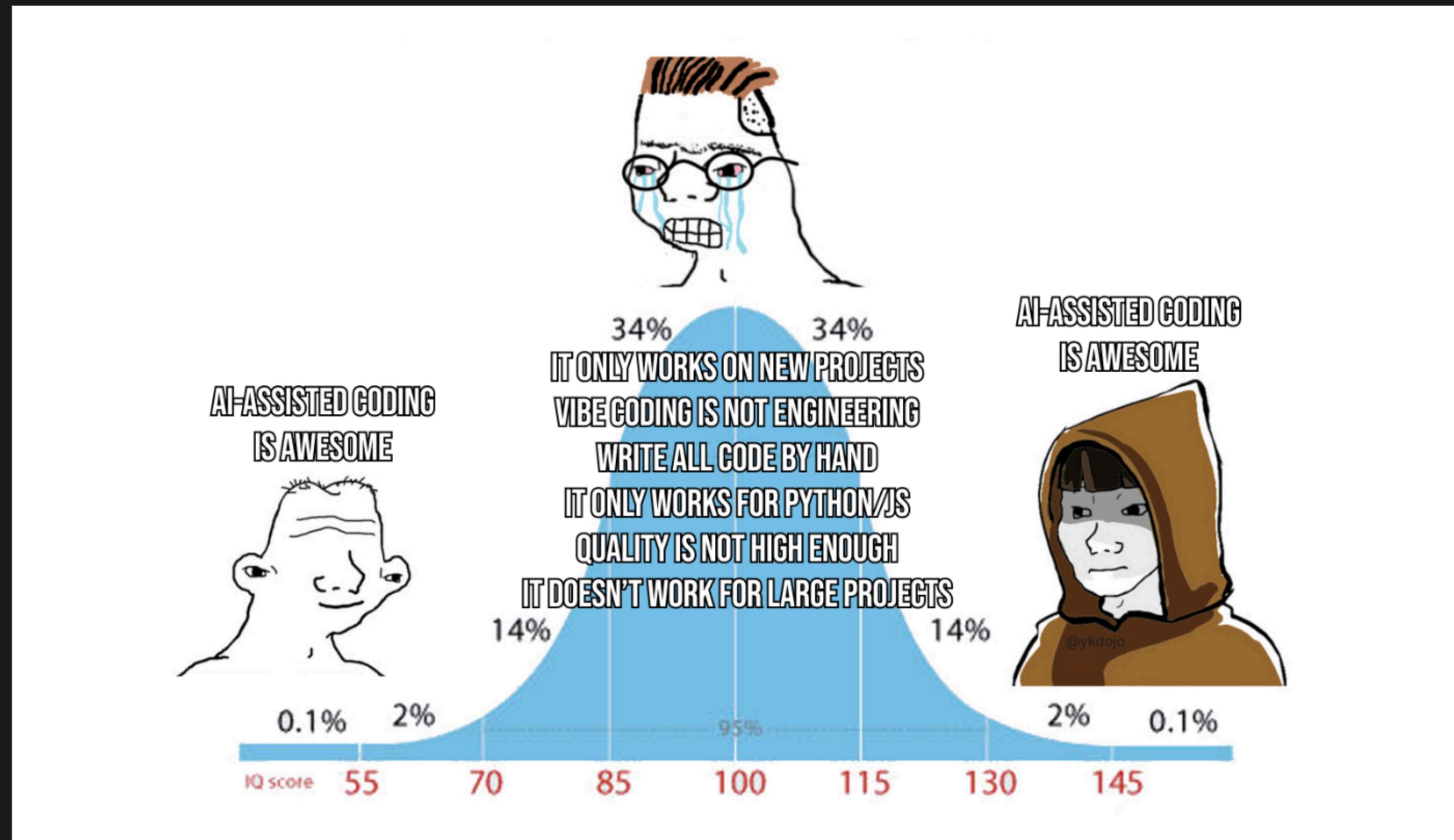
## Sometimes you need high quality

Large-scale systems, mission-critical, medical software

# **The real problem with "slop"**

**more tokens == s\*\*t?**

**more tokens  $\neq s**t$**







45 Claude Code tips



eventual.ai/agents



LinkedIn