

GovTech Singapore's Engineering Productivity Programme — A Controlled GitHub Copilot Pilot for Government Developers

AI in the Public Sector · Good practice · Singapore

Quality score: 67/100

Evidence strength: Observational / pre–post

Summary

Over four months, GovTech Singapore's own research team measured GitHub Copilot's effect on 70 government software engineers using IDE telemetry plus SPACE-framework surveys: coding time fell 21–28%, junior developers gained most, and the team published every caveat openly.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	3/3
Transparency, fairness & accountability	3/3
Transferability / demonstrated replication	1/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-13

[Government Technology Agency of Singapore \(GovTech\) — Engineering Productivity Programme, Government Digital Products division](#) — accessed 2026-07-13

[arXiv paper: Harnessing Gen-AI Coding Assistants in the Public Sector](#) — accessed 2026-07-13

[Singapore Government Developer Portal: SHIP-HATS overview](#) — accessed 2026-07-13

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