

AI-Driven Career Guidance for Vocational Students — A Controlled Trial in South Kalimantan, Indonesia

AI in Education · Good practice · Indonesia

Quality score: 47/100

Evidence strength: Moderate

Summary

A 12-week trial with 180 Indonesian vocational students (90 intervention, 90 control) found an AI system combining skills-mapping, chatbot mentoring and labour-market data cut career-path anxiety by 26.7% ($p<0.001$), with an 87%-accurate career-pathway matching model.

Key dimensions

Dimension	Score
Evidence of learning impact	2/3
Equity & inclusion	1/3
Transparency, ethics & data protection	2/3
Teacher capability & pedagogy	1/3
Scalability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-12

[Universitas Negeri Yogyakarta \(Graduate School\)](#) — accessed 2026-07-12

[PubMed: AI-Driven Career Guidance to Reduce Vocational Students' Career Path Anxiety](#) — accessed 2026-07-12

[F1000Research: full article](#) — accessed 2026-07-12

[Preprints.org: earlier preprint version \(Oct 2025\)](#) — accessed 2026-07-12

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