

SiPKPM — Malaysia's AI-Enhanced Student Tracking System for Early Dropout Detection

AI in Education · Good practice · Malaysia

Quality score: 53/100

Evidence strength: Moderate

Summary

Malaysia's Ministry of Education added AI to its Student Tracking System (SiPKPM) in 2024 to flag at-risk students from primary to secondary school; by February 2025 only 8,076 candidates were absent for the SPM exam, down from 'tens of thousands' previously.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-27

[Ministry of Education Malaysia](#) — accessed 2026-08-27

[The Star](#) — AI-enhanced student tracking system to reduce SPM dropouts, says Education Ministry — accessed 2026-08-27

[Bernama](#) — AI-enhanced Student Tracking System To Reduce SPM Dropouts, Absenteeism — accessed 2026-08-27

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