

SiPKPM AI Early-Warning System — Malaysia's National Dropout-Prevention Network

AI in Education · Good practice · Malaysia

Quality score: 60/100

Evidence strength: Observational / pre–post

Summary

Malaysia's Ministry of Education added AI to its national Student Tracking System (SiPKPM), scoring attendance, grades, disability status, household income and more across roughly 5 million students. The AI-enhanced version helped over 9,000 at-risk students, including 3,287 girl

Key dimensions

Dimension	Score
Evidence of learning impact	2/3
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 2026-08-08

[Ministry of Education Malaysia \(KPM\) / UNICEF Malaysia](#) — accessed 2026-08-08

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

[UNICEF](#) — Future ready and resilient: How AI is keeping Malaysian students in school — accessed 2026-08-08

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

[The Sun](#) — AI-powered SiPKPM helps 4,758 dropout students return to school — accessed 2026-08-08

Cite this — Evidoria. *SiPKPM AI Early-Warning System — Malaysia's National Dropout-Prevention Network*. Persistent ID: 6b23107e-99f6-4e06-989d-e929c0150c7a.