

Alerta Escuela — Peru's National ML-Based School Dropout Early-Warning System

AI in Education · Good practice · Peru

Quality score: 47/100

Evidence strength: Moderate

Summary

Peru's Ministry of Education, with the World Bank, built a national ML platform estimating each student's dropout risk. A rigorous evaluation found SMS nudges raised platform use but did not change principals' actions or reduce dropout — a candid null result.

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	2/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-06

[Ministerio de Educación del Perú \(Minedu\) / World Bank](#) — accessed 2026-07-06

[World Bank Blogs: Early warning systems can help prevent dropouts](#) — accessed 2026-07-06

[Minedu \(2022\): Alerta Escuela — Machine Learning para el cálculo del riesgo de interrupción de estudios en el Perú](#) — accessed 2026-07-06

[Minedu: anuncio oficial del lanzamiento de Alerta Escuela](#) — accessed 2026-07-06

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