

AI Early-Warning System for Student Dropout Risk — Mohammed VI Polytechnic University and Morocco's Ministry of National Education

AI in Education · Good practice · Morocco

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

UM6P and Morocco's Ministry of Education built an explainable ML system flagging dropout risk from 1.4m student records in the Fès-Meknès region, reporting 88% accuracy — though the authors show performance drops sharply under a more realistic year-over-year split.

Key dimensions

Dimension	Score
Evidence of learning impact	1/3
Equity & inclusion	1/3
Transparency, ethics & data protection	2/3
Teacher capability & pedagogy	0/3
Scalability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-18

[Mohammed VI Polytechnic University \(UM6P\) / Ministry of National Education, Preschool and Sports \(Morocco\)](#) — accessed 2026-07-18

[arXiv: AI-based identification and support of at-risk students: A case study of the Moroccan education system](#) — accessed 2026-07-18

[ResearchGate: AI-based identification and support of at-risk students](#) — accessed 2026-07-18

[Stanford SCALE Initiative repository entry](#) — accessed 2026-07-18

[Springer: Student At-Risk Identification and Classification Through Multitask Learning](#) — a related case study on the Moroccan education system — accessed 2026-07-18

Cite this — Evidoria. *AI Early-Warning System for Student Dropout Risk — Mohammed VI Polytechnic University and Morocco's Ministry of National Education*. Persistent ID: 09fdb067-c4ab-4370-8757-d816e083a1d3.