

OU Analyse — The Open University's Predictive Learning-Analytics Early-Warning System

AI in Education · Good practice · United Kingdom

Quality score: 67/100

Evidence strength: Observational / pre–post

Summary

The UK's Open University has run OU Analyse, a machine-learning early-warning system flagging at-risk distance learners weekly, in production since 2014 — scaling from 2 pilot courses to dozens — with over a decade of peer-reviewed publications on its methodology, fairness and tu

Key dimensions

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

Evaluated by C-NAPSE

Data sources

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

[The Open University \(Knowledge Media Institute\)](#) — accessed 2026-07-12

[OU Analyse — Knowledge Media Institute, The Open University](#) — accessed 2026-07-12

[Kuzilek, Hlosta & Zdrahal \(2017\) 'Open University Learning Analytics dataset', Scientific Data](#) — accessed 2026-07-12

[OU Analyse: analysing at-risk students at The Open University \(ORO repository\)](#) — accessed 2026-07-12

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