

Ivy Tech Project Early Success — Machine-Learning Early Warning for Failing Community-College Students, Indiana

AI in Education · Good practice · United States of America

Quality score: 40/100

Evidence strength: Moderate

Summary

From fall 2016 Ivy Tech used LMS behaviour data to flag about 16,000 students at risk of failing by week two and phoned them; reported D/F grades fell 3.3% and 3,000 students were helped, without a control group.

Key dimensions

Dimension	Score
Evidence of learning impact	1/3
Equity & inclusion	1/3
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 2026-09-29

[Ivy Tech Community College](#) — accessed 2026-09-29

[Google Cloud case study](#) — accessed 2026-09-29

[SiliconANGLE, Nov 2017](#) — accessed 2026-09-29

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