

AI-Driven Academic Operations at Arab Open University — Retention Analytics to Automated Timetabling

AI in Education · Good practice · Kuwait

Quality score: 47/100

Evidence strength: Observational / pre–post

Summary

Arab Open University cut introductory-math withdrawals 34% and average dropout 18% with IBM Watson Analytics, while a 2026 peer-reviewed rule-based AI scheduler cut timetable-building time from 4–6 weeks to under 2 hours across all nine branches and roughly 62,000 students.

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	3/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-13

[Arab Open University \(AOU\)](#) — accessed 2026-08-13

[IBM case study — Arab Open University](#) — accessed 2026-08-13

[Peer-reviewed paper — iJET, April 2026, Automated University Timetabling](#) — accessed 2026-08-13

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