

AAEE — King Saud University's Automated Arabic Essay Evaluator for Saudi School Students

AI in Education · Good practice · Saudi Arabia

Quality score: 33/100

Evidence strength: Cautionary / limited

Summary

King Saud University researchers built AAEE, one of the first automated essay scorers for Arabic, modeled on Saudi schools' official rubric. Tested on 350 real student essays across eight topics, it reached 90% accuracy and a 0.756 correlation with human graders.

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 2026-07-31

[King Saud University, Department of Computer Science, College of Computer & Information Sciences](#) — accessed 2026-07-31

[ScienceDirect: AAEE — Automated evaluation of students' essays in Arabic language](#) — accessed 2026-07-31

[ResearchGate: AAEE paper](#) — accessed 2026-07-31

[CMC 2023: Enhanced Arabic essay scoring system citing AAEE's benchmark figures](#) — accessed 2026-07-31

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