

AI4KSL — Maseno University's AI Bridge Between Spoken English and Kenyan Sign Language for Deaf Learners

AI in Education · Good practice · Kenya

Quality score: 40/100

Evidence strength: Moderate

Summary

Maseno University's AI4KSL project built an open dataset and prototype AI translator from spoken English to Kenyan Sign Language, drawing on data from 400 Deaf learners and 48 KSL teachers, to help mainstream Kenyan schools include Deaf students.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-30

[Maseno University \(AI4KSL\)](#) — accessed 2026-08-30

[arXiv — Kenyan Sign Language \(KSL\) Dataset: Using AI in Bridging Communication Barrier among the Deaf Learners](#) — accessed 2026-08-30

[IDRC — From commitment to action: Advancing the use of AI in education in Africa](#) — accessed 2026-08-30

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