

Yemen's Social Fund Pilots In-House AI to Police a 9.6-Million-Person Cash Programme

AI in the Public Sector · Good practice · Yemen

Quality score: 27/100

Evidence strength: Cautionary / limited

Summary

UNICEF's Yemen country office built its own machine-learning anomaly-detection tool to catch fraud and duplicate records in a cash-transfer programme reaching roughly a third of Yemen's population, moving oversight from periodic manual checks to real-time review.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	1/3
Transparency, fairness & accountability	1/3
Transferability / demonstrated replication	0/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-28

[UNICEF Yemen Country Office / Yemen Social Fund for Development](#) — accessed 2026-08-28

[UNICEF Venture Fund: AI Anomaly Detection of Cash Transfers – Yemen](#) — accessed 2026-08-28

[UNICEF Yemen: Implementing a cash transfer project](#) — accessed 2026-08-28

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