

Frontier Fit

Test where AI helps, where it harms, and where human judgment belongs.

THE LOOP

1

Decompose

What action begins and ends?

2

Predict

What evidence suggests help, harm, or uncertainty?

3

Test

Same cases and rubric; baseline plus typical and edge cases.

4

Assign

Who decides, with what evidence, escalation, and stop rule?

5

Monitor

What changed in the model, data, workflow, or consequence?

OPERATING MODES

AI-led

Repeated evidence; errors are detectable, reversible, and low-consequence.

Human-AI

Mixed evidence or meaningful context; independent verification required.

Human-led

Weak evidence or high-stakes, novel, regulated, or irreversible consequences.

DO NOT SCALE FROM

- one successful demo
- speed alone
- polished language or confidence
- usage volume
- a task label without representative evidence

SEVEN-DAY TEST

Owner _____ Case _____ Baseline _____

Quality metric _____ Stop rule _____ Review date _____

Independent candidate-created translation of Navigating the Jagged Technological Frontier. Not an official HBS product. Requires HBS/faculty validation.

Source: Dell'Acqua et al. (2026), Organization Science. Full primary-source URL appears in the portfolio.