Category

Data & AI

AI-Powered Scenario Planning & Stress-Testing Playbook

Stress-testing strategy against more scenarios than a small team could model manually, without false precision

- Executive
- Advanced
- Template Included

- Administrator
- 10 July 2021
- 3 minute(s)

Overview

A framework for AI-powered scenario planning and stress-testing — modeling a broader range of strategic and operational stress scenarios than manual analysis could practically cover, while maintaining honest uncertainty communication rather than presenting AI-generated scenarios with false precision.

How is AI-powered stress-testing different from traditional

scenario planning exercises? Traditional scenario planning typically develops a small number of scenarios through manual analysis and discussion; AI-powered stress- testing can model a much broader range of scenario combinations and their interacting variables, surfacing stress scenarios a smaller manual exercise might not have considered.

What's the risk of relying heavily on AI-generated stress

scenarios? Treating AI-generated scenarios as more comprehensive or certain than the underlying model and assumptions actually support — genuine value requires combining AI's broader scenario exploration with continued human judgment about which scenarios are genuinely plausible and how to respond.

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