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Data & AI

AI Platform Strategy & ModelOps Governance Playbook

Building the platform infrastructure that lets many AI models run reliably, not just one impressive demo

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- Administrator
- 10 August 2021
- 4 minute(s)

Overview

A framework for AI platform strategy and ModelOps governance — standardized model deployment infrastructure, lifecycle management, and cross-team governance — that enables an organization to run many AI models reliably at scale, rather than each team building bespoke, ungoverned deployment infrastructure independently.

Why does an organization need centralized AI platform

infrastructure if individual teams can already deploy their own models? Individual team-level deployment works for a first model or two, but without shared infrastructure and governance, organizations running many models tend to accumulate inconsistent monitoring, duplicated infrastructure investment, and inconsistent governance — problems that compound as AI adoption scales across more teams.

What's the core difference between DevOps and ModelOps governance?

ModelOps addresses AI-specific lifecycle concerns DevOps doesn't cover — model performance drift over time, retraining cadence, model version management tied to specific training data, and AI-specific monitoring — requiring purpose-built governance beyond general software deployment practices.

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