

By 2025, the 10% of enterprises that establish AI engineering best practises will generate at least

three times more value

from their AI efforts than the 90% of enterprises that do not.

AI engineering is the discipline of operationalising updates to AI models, using integrated update pipelines for data, model and development, to

deliver consistent business value

from AI.

In a Gartner survey, **69%** of corporate board members said AI would be a top game-changing technology enabling their industry to

emerge stronger

from the pandemic.

To **deliver value**, you need AI engineering to continuously optimise model value in production.

AI can only **deliver** such business value once you:

- **Make strategic decisions** about the use of AI in your enterprise.
- **Establish new ways** of monitoring AI value drift, such as analysing changes in data inputs, the underlying infrastructure or the business processes that affect AI value.
- **Implement automated and integrated** update pipelines to make enterprise-scale changes to production AI technology and processes. *Include DataOps, ModelOps and DevOps to update data sources, AI models and applications respectively.*

Key Recommendations:

Implement

AI engineering as a strategic differentiator for creating and maintaining production and AI value.

Establish

and refine AI engineering practices that incorporate best practises from Include DataOps, ModelOps and DevOps.

Monitor

AI models in production for value drift, using KPIs that report on the business ecosystem in which the AI model operates.

Develop

AI model management and governance practises that align model performance, human behaviour and delivery of business value.

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