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Explainable AI in regulated Environments — Making Compliance a Competitive Advantage

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Abstract

The EU AI Act is coming — and for many medium-sized companies, it feels like a threat rather than an opportunity. But the real challenge isn't the regulation itself: it's closing the gap between what AI systems do and what decision-makers can actually explain, audit, and defend. Stephan shows how Explainable AI (XAI) methods can be embedded directly into automation workflows, turning regulatory requirements into a practical framework for trustworthy process automation. The result: AI that mid-market companies can deploy, control, and stand behind — today, not just when the auditor knocks.