

Harnessing a DevOps Mindset for Business Impact

Venkata Surya Sai Charan Lolla

Endava, USA



Abstract: *This article explores the strategic implementation of methodologies as a catalyst for organizational transformation and business value creation. Beginning with an examination of historical evolution, the paper analyzes how breaking down traditional operational silos facilitates cross-functional collaboration and enhances delivery capabilities. The discussion progresses through the critical role of continuous improvement and automation in establishing efficient software delivery pipelines before demonstrating how it rives business agility through accelerated responsiveness to market changes. The article provides a comprehensive framework for quantifying business value across multiple dimensions, including cost reduction and revenue enhancement. Through evidence-based analysis of industry research and case studies, the article illustrates how DevOps transcends technical practice to become a holistic business strategy that delivers sustainable competitive advantages through improved delivery capabilities, enhanced customer experiences, and accelerated innovation cycles*

Keywords: Digital transformation, Continuous delivery, Organizational agility, Business value, Cross-functional collaboration.

