

Human-AI Collaboration Models for Improved Strategic Decision-Making in Business Analytics

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Abstract: *Human-AI collaboration in business analytics is increasingly recognized as a critical driver for strategic decision-making. By combining the cognitive strengths of humans intuition, contextual understanding, and ethical reasoning with the computational power and predictive accuracy of AI systems, organizations can achieve better-informed, faster, and more effective decisions. This review explores the current models of Human-AI collaboration in business analytics, identifies their applications in strategic decision-making, and highlights challenges and future directions. A comparative framework of collaboration models is also presented to facilitate practical implementation in organizations.*

Keywords: Strategic decision-making, AI-assisted decision-making