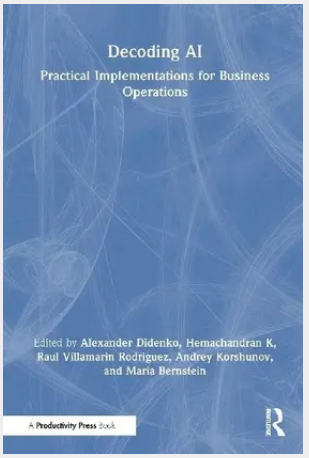
Didenko / K / Rodriguez

Decoding AI

Practical Implementations for Business Operations



Business operations today show evidence of profound DNA-level transformations brought about by existing artificial intelligence (AI) technology. Decoding AI: Practical Implementations for Business Operations reveals real artificial intelligence potentials through practical insights and innovative frameworks, and transformative case studies that operate across different business sectors. The book explores AI model types, including large language models (LLMs) and multimodal embeddings alongside reinforcement learning and decision-priming simulations while discussing their impact on finance and marketing alongside healthcare and customer service, and fraud detection and personalized commerce functions. Through its blend of academic AI knowledge and practical business insights, the content enables readers to understand complex algorithms better while achieving improved operational facility. Key highlights include: - Ethical frameworks for responsible AI and human-aligned intelligence - Data-centric strategies to improve transparency, explainability, and governance - Domain-specific innovations in pricing, negotiation modeling, and behavioral prediction - Real-world case studies demonstrating the transformative power of AI in decision-making - A special focus on the integration of AI in strategic, financial, and customer-facing functions Whether you're a C-suite executive, startup founder, researcher, academician, or tech enthusiast, this book is designed to equip you with both the strategic vision and technical foundation to embrace AI confidently in your business journey. Let this volume be your guide in navigating the evolving AI landscape — not just to keep up with innovation, but to lead it.

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