

Optimizing Supply Chains Through Digital Twins

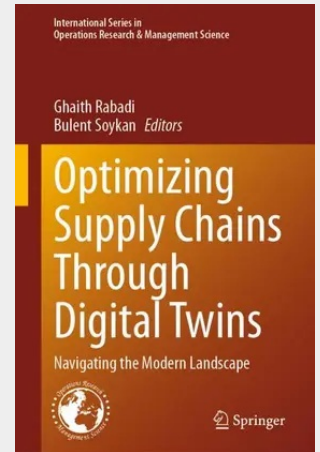
Navigating the Modern Landscape

This book serves as a comprehensive resource, offering valuable insights into the application of Digital Twins in supply chain management. It covers foundational concepts of supply chain optimization and delves into the technological frameworks that enable the integration of Digital Twins. Contributions from leading academics, industry experts, and researchers provide a multi-dimensional perspective on this transformative approach. Real-world case studies are included to showcase the practical benefits and challenges of implementing Digital Twins in various segments of modern supply chains, from manufacturing and distribution to inventory management. A set of practical guidelines and best practices for implementing Digital Twins in supply chain management round out the content.

The book offers a roadmap for organizations looking to adopt this technology for enhanced operational efficiency. To deepen the reader's understanding, it also features specialized sections on data security and ethical considerations when implementing Digital Twins in supply chains. By covering these aspects, it offers the "go-to" resource for a wide range of professionals including supply chain managers, data scientists, and IT specialists, as well as academics, researchers and students in related fields, who are looking to understand or implement Digital Twins in the context of supply chain optimization.

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