**LITERATURE REVIEW ON THE APPLICATION OF ARTIFICIAL INTELLIGENCE IN SUPPLY CHAIN**

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**Abstract**

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**Keywords:** Lorem, Ipsum, Dolor, Sit, Amet

1. **Introduction**

Integrating Artificial Intelligence (AI) into supply chain management represents a pivotal paradigm shift, heralding a new era of innovation and efficiency. In response to the intricate challenges of globalized markets and dynamic consumer demands, businesses increasingly turn to AI technologies to optimize their supply chain processes. This survey journal endeavors to systematically explore the multifaceted applications of AI in supply chain management, providing a comprehensive analysis of its impact, challenges, and opportunities. As organizations strive to adapt and thrive in an era of digital transformation, understanding the strategic deployment of AI becomes imperative for orchestrating agile and responsive supply chains.

The significance of this survey is underscored by the urgency for supply chain practitioners and decision-makers to harness the potential of AI in navigating the complexities of modern supply chain ecosystems. The interplay of AI technologies, including machine learning, predictive analytics, and robotic process automation, offers unprecedented capabilities to enhance forecasting accuracy, optimize inventory management, and streamline logistics operations. As we delve into the applications of AI in supply chain management, we aim to unravel not only the benefits but also the challenges and considerations that organizations must navigate to unlock the full potential of these technological advancements.

This survey sets out with a clear mission: to evaluate the current landscape of AI applications in supply chain management comprehensively. Our objectives include examining successful use cases, identifying emerging trends, and elucidating the potential barriers to adoption. Employing a systematic review methodology, we synthesize insights from a diverse range of scholarly articles, industry reports, and case studies. By delving into the literature, we aim to provide a synthesized perspective that informs strategic decision-making, guides further research initiatives, and contributes to the ongoing dialogue surrounding the transformative impact of Artificial Intelligence in supply chain management.

1. **Literature with Benefits and Limitations**