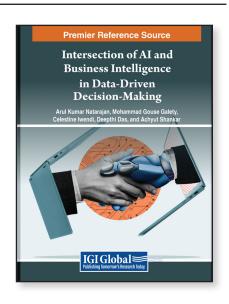
## Intersection of AI and Business Intelligence in Data-Driven Decision-Making

Part of the Advances in Computational Intelligence and Robotics Book Series

Arul Kumar Natarajan (Samarkand International University of Technology, Uzbekistan), Mohammad Gouse Galety (Samarkand International University of Technology, Uzbekistan), Celestine Iwendi (University of Bolton, UK), Deepthi Das (Christ University, India) and Achyut Shankar (University of Warwick, India)



## **Description:**

In today's rapidly evolving business landscape, organizations are inundated with vast amounts of data, making it increasingly challenging to extract meaningful insights and make informed decisions. The traditional business intelligence (BI) approach must often address the complexity and speed required for effective decision-making in this data-rich environment. As a result, many businesses need help to leverage their data to drive sustainable growth and remain competitive.

Intersection of Al and Business Intelligence in Data-Driven Decision-Making presents a transformative solution to this pressing challenge. By exploring the convergence of artificial intelligence (Al) and Bl, our book provides a comprehensive framework for leveraging Al-powered Bl to revolutionize data analysis, predictive modeling, and decision-making processes. Readers will gain valuable insights into practical applications, emerging trends, and ethical considerations, inspiring and exciting them about the potential of Al in driving business success.

Through in-depth discussions, case studies, and best practices, this book equips professionals, researchers, and students with the knowledge and tools needed to navigate the complexities of Al-powered business intelligence. Whether you're looking to predict trends, analyze consumer behavior, or optimize supply chains, this book offers actionable strategies and techniques for implementing Al-powered BI solutions in your organization.

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## **Topics Covered:**

- AI, ML for Predictive Analytics in BI
- Big Data in Al-Powered BI
- Business Intelligence
- Case Studies, Best Practices in Al-Powered BI
- Concepts, Frameworks, and Apps of Al-Powered Bl
- Consumer Sentiment Analysis on Social Media
- ESG Metrics Integration into BI
- Ethics in Al-Powered Bl: Privacy, Fairness, Transparency

- Online ShoppingNLP for Text Analytics in BI
- Optimizing Supply Chains with AI

Impact of Social Media Ads on

- Personalization, CRM in Al-Powered BI
- Real-time Analytics with AI in BI
- Social Media Analysis for Consumer Behavior

Fraud Detection, Risk Management with AI

Subject: Computer Science &

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Readership Level: Advanced-Academic Level

(Research Recommended)

Classification: Edited Reference

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