



Call for Book Chapters

# AI Integration for Business Sustainability: Leveraging Technology for a Resilient Future

## SCOPE OF THE BOOK

This book is designed for researchers, research scholars, practitioners, students, industrialists, professionals, entrepreneurs, and policymakers, invested in leveraging AI to advance sustainable business practices. It equips readers with invaluable knowledge to harness the power of AI ethically, driving positive environmental, social, and economic impact while steering towards a more sustainable future. The book chapter presents future trends and emerging technologies, empowering readers to anticipate disruptions and capitalize on innovative AI solutions.

## I. Introduction

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- A. Overview of AI and its Evolution in Business
- B. Importance of Sustainability in Modern Business Practices
- C. Thesis Statement and Purpose of the Book

## II. Understanding Business Sustainability

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- A. Definition and Key Components of Sustainability
- B. Challenges Faced by Businesses in Achieving Sustainability
- C. Role of Technology in Addressing Sustainability Goals

## III. The Intersection of AI and Sustainability

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- A. How AI Can Enhance Sustainability Efforts
- B. Case Studies Demonstrating Successful AI Integration in Sustainable Business Practices
- C. Potential Risks and Ethical Considerations of AI in Sustainability

## IV. Implementing AI for Sustainable Business Solutions

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- A. Strategies for Integrating AI into Sustainability Initiatives
- B. Tools and Technologies Driving AI-Enabled Sustainability
- C. Building a Framework for Ethical and Responsible AI Implementation

## V. Impact and Benefits of AI in Different Industries

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- A. Agriculture and Food Systems
- B. Energy and Utilities
- C. Manufacturing and Supply Chain
- D. Healthcare and Well-being

## VI. Overcoming Challenges and Adoption Barriers

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- A. Addressing Resistance to AI Integration
- B. Regulatory and Legal Considerations
- C. Ensuring Accessibility and Affordability of AI Solutions

## VII. Future Trends and Emerging Technologies

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- A. Evolution of AI in Sustainable Business Practices
- B. Potential Disruptive Innovations and Their Impact
- C. Long-term Outlook for AI and Sustainability Integration

## VIII. Conclusion

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- A. Recap of Key Points
- B. Final Thoughts on the Future of AI in Business Sustainability
- C. Call to Action for Businesses and Policymakers

## IMPORTANT DATES

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## EDITORS

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**Dr. NASSER AL-BAIMANI**

Assistant Vice-Chancellor,  
University of Technology and Applied Sciences-  
Al Musannah, Sultanate of Oman.  
Nasser.Albaimani@act.edu.om



**Dr. AZIZA AL QAMASHOUI**

Head of the Department  
College of Economics and Business Administration  
University of Technology and Applied Sciences -  
Al Musannah, Sultanate of Oman.  
Aziza@act.edu.om

Please submit your full chapter: **UTASA.BookChapters@act.edu.om**

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المصنعة  
Al-Mussanah

جامعة التقنية  
والعلوم التطبيقية  
University of Technology  
and Applied Sciences

