

Contents

Preface — V

Acknowledgments — VII

Part I: Introduction to Data Enabled Management

Karunarathnage Sajith Senaka Nuwansiri Karunarathna, Narayanage Jayantha Dewasiri,
Rubee Singh, Mananage Shanika Hansini Rathnasiri

Chapter 1

What Does Artificial Intelligence–Powered ChatGPT Bring to Academia?

A Review — 3

Karthik Shivashankar, Venkat Bakthavatchaalam

Chapter 2

**Education Policies Through Data Driven Decision Making: Accelerating Inclusive
Education for People with Disabilities — 15**

Wasswa Shafik

Chapter 3

The Role of Artificial Intelligence in the Emerging Digital Economy Era — 33

Sonia Rani

Chapter 4

**A Review of Machine Learning Methods for Diagnosis and Classification
of Thyroid Disease — 51**

Trisiladevi C. Nagavi, Sanjana K. G., P. Mahesha

Chapter 5

**A Question and Answering System Using Natural Language Processing
and Deep Learning — 65**

Part II: Role of AI and Big Data in Management Functions

Kamalesh Ravesangar, Hafinas Halid, Syaza Lyana Mahadzir, Rubee Singh

Chapter 6

**The Reinvention of HRM Practices Through Artificial Intelligence:
Opportunities and Challenges in the Digital World of Work — 87**

Veerapaneni Esther Jyothi, N. Sampreeth Chowdary

Chapter 7

Challenges and Artificial Intelligence–Centered Defensive Strategies for Authentication in Online Banking — 105

Kamalpreet Kaur Paposa, Pardeep Bawa Sharma, Shubham Suman

Chapter 8

Catalyzing Human Potential: The Crucial Role of AI in Modern HR Management — 119

Aneesya Panicker, Avnish Sharma

Chapter 9

Exploring How Artificial Intelligence is Changing the HRM Landscape: Refuting the Fiction with Reality! — 131

Sailaja Nimmagadda, Ravi Kishan Surapaneni, Rajasekjara Mouly Potluri

Chapter 10

Artificial Intelligence in HR: Employee Engagement Using Chatbots — 147

Part III: Application of AI in Different Sectors

Hilmi Yüksel

Chapter 11

An Empirical Analysis of Artificial Intelligence Applications of Manufacturing Companies in Turkey — 165

Rubee Singh, Kishore Kumar, Shahbaz Khan

Chapter 12

A Comprehensive View of Artificial Intelligence (AI)–Based Technologies for Sustainable Development Goals (SDGs) — 183

Narayanage Jayantha Dewasiri, Dunusinghe G. Dharmarathna, Mrinalini Choudhary

Chapter 13

Leveraging Artificial Intelligence for Enhanced Risk Management in Banking: A Systematic Literature Review — 197

Soraya González-Mendes, Rocío González-Sanchez, Sara Alonso-Muñoz

Chapter 14

Exploring the Influence of Artificial Intelligence on the Management of Hospitality and Tourism Sectors: A Bibliometric Overview — 215

Garima Sainger

Chapter 15

Artificial Intelligence in Healthcare Sector in India: Application, Challenges and a Way Forward — 233

Raghuveer Katragadda, Hari Babu Bathini, Sree Ram Atluri

Chapter 16

Application of Artificial Intelligence and Machine-Learning Algorithms for Forecasting Risk: The Case of the Indian Stock Market — 249

List of Figures — 263

List of Tables — 265

About the Editors — 267

Index — 269