

Generative Artificial Intelligence in Agriculture, Education, and Business

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Preface

The rapid digital development of the recent era has revolutionized the overall network of business and management as well as other sectors. The book discusses how emerging technologies, artificial intelligence (AI), blockchain, big data analytics, cloud computing and the Internet of Things (IoT), have a high level of impact on different industries. With more and more businesses turning towards these techs, it is extremely important to really understanding their relation and use in order to remain at the cutting edge of technology while emerging as an innovator. Chapter 1 is a detailed introduction to the digital transformation, driven by AI, blockchain, IoT and other technologies are changing Business & Management processes. This paves the way for diving deeper into targeted topics where these innovations are starting to have a big influence. In chapter two we delve into the increasing popularity of generative AI, ChatGPT takes center stage and how it is impacting range of industries. In this research, we review generative AI applications and opportunities as well as challenges and the outlook, for future development. Also touched on in the book are the customer front-exporting portions of digital renovation. Chapter 3 - Overall Vision: How AI, Machine Learning and related technologies help in higher customer satisfaction and loyalty right into the services industry to build exceptional service quality.

In chapter four, we look at education-providing a SWOT analysis for ChatGPT in the transformation of pedagogical practices and research. We find that our higher-level theory is not so easily translated back into practice here - illustrating both the promise and problems that AI holds within a university setting. There are various areas in which we heavily rely on spatial analysis and remote sensing, and chapter five illustrates the new means by which AI and ChatGPT can be used to improve data interpretation and analysis

for these fields. Chapter six shifts the focus to agriculture, highlighting how AI, machine learning and ChatGPT come into play in smart farming and how it might pave a way for enhanced productivity and sustainability within the agricultural landscape. Taken together, these chapters offer a deep dive into how AI is driving hope at sectors and provides insightful knowledge about futurity of business, education, and industry.

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