

## Introduction to Artificial Intelligence (AI)

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*Introduction to Artificial Intelligence (AI) provides a comprehensive overview of the latest trends in artificial intelligence.* The book covers the state of the art in AI research, including machine learning, natural language processing, computer vision, and robotics.

The book offers a forward-looking perspective on the future of AI, exploring the emerging trends and applications that are likely to shape the next decade of AI innovation. It also provides practical guidance for businesses and individuals on how to leverage the power of AI to create new products, services, and opportunities.

Overall, the book is an essential read for anyone who wants to stay ahead of the curve in the rapidly evolving field of AI and understand the impact that this transformative technology will have on our lives in the coming years.

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### KEYWORDS:

Generative AI, ChatGPT, machine learning, deep learning, computer vision, quantum computing, affective computing deep learning , autonomic computing, reactive machines, limited memory, theory of mind, self-aware, variational autoencoders (VAEs), generative adversarial networks (GANs), autoregressive models, feedforward. neural networks, convolutional neural networks, recurrent neural networks, long short-term memory networks, autoencoders, natural language generation (NLG), driver assistance, partial automation, conditional automation, high automation , full automation



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