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Nota di contenuto	Cover -- Title -- Copyright -- Foreword -- About The Author -- Acknowledgements -- Contents -- Introduction -- Chapter 1: AI defined and common depictions of AI - Is it a benevolent force for humanity or an existential threat? -- A very brief history of AI - and perceptions of AI -- What exactly is AI? -- AI learning styles -- Back to the original question -- Chapter 2: Is AI really ubiquitous - Does it or will it permeate everything we do? -- Ubiquitous AI -- What is allowing AI to become almost a "common utility"? -- What makes people refer to AI as ubiquitous? -- Chapter 3: Human-machine collaboration - Can we talk to them in English (or any other language)? -- The "Age of With™" -- The five Ts of human-machine collaboration -- Types of human-machine collaboration -- How can humans and machines communicate? -- Challenges to human-machine collaboration -- Chapter 4: AI, ethics, and society - Are they compatible? -- How do ethics relate to AI? -- Potential positive ethical and security/safety impacts of AI -- AI in the time of COVID -- Potential negative ethical and security/safety impacts of AI -- The reasons it is difficult for humans to fully address these potential challenges from AI -- Chapter 5: Bias in AI - Why is it important and potentially dangerous? -- Where does AI bias come from? -- Real-life examples of bias in AI -- Can AI's decisions be less biased than human ones? -- Identifying and removing bias in AI -- Chapter 6: AI and cybersecurity - AI as a sword or a

shield? -- AI as a sword -- AI as a shield -- It's more than just AI tools -- Chapter 7: AI and our society - Will the result be professional, ethical, and social deskilling, or upskilling? -- Professional deskilling and upskilling -- Ethical deskilling and upskilling -- Social deskilling and upskilling -- Chapter 8: AI and privacy - Is anything really private anymore?.

Privacy and security -- Data privacy -- Monitoring and surveillance -- Privacy laws and regulations in the age of AI -- Chapter 9: Misinformation, disinformation, fake news, manipulation, and deep fakes - Do we know how to think critically about information? -- Misinformation -- Disinformation -- User manipulation -- Thinking critically about information and information sources -- Become a digital detective -- Chapter 10: AI and social media - How is it affecting us? -- What is the relationship between social media and AI? -- The unforeseen effects of AI and social media -- Chapter 11: "The measure of a man"- Can AI become more like a human? -- What does it mean to be "human"? -- Applying human characteristics to AI -- But can AI be considered alive? -- AI - A new species -- Chapter 12: what's next in AI - Less artificial and more intelligent? -- The future of AI - What comes next? -- A primer for integrating ethics and safety into new AI developments -- Policy and legal considerations -- Chapter 13: Ethical challenges of AI 2024 and beyond: The moral imperative of navigating this new terrain -- 2023 was a tipping point for AI -- How do we set safeguards for AI, especially generative AI? -- Misinformation, disinformation, and malinformation through the use of generative AI -- Weaponization of AI -- Copyright, intellectual property, and other legal risks -- Privacy, surveillance, and social media -- AI-induced loss of jobs -- AI in education -- Environmental impact of increased AI -- AI and changes in human relationships -- 2024 and beyond - the years of AI legislation -- Chapter 14: Final thoughts -- Further reading.

Sommario/riassunto

This book presents a concrete approach to identifying appropriate ethical principles in AI solutions.
