1. Record Nr. UNINA9910878056003321 Autore Khan Arshad Titolo Artificial Intelligence: A Guide for Everyone / / by Arshad Khan Cham:,: Springer Nature Switzerland:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 9783031567131 9783031567124 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (278 pages) Disciplina 006.3 Soggetti Artificial intelligence Machine learning Quantitative research Artificial Intelligence Machine Learning Data Analysis and Big Data Intel·ligència artificial Aprenentatge automàtic Investigació quantitativa Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Preface -- Chapter. 1. Introduction -- Chapter. 2. Benefits and Nota di contenuto Disadvantages -- Chapter. 3. Al-Human Relationship -- Chapter. 4. Requirements -- Chapter. 5. Technologies, Techniques, and Components -- Chapter. 6. Building an Al System -- Chapter. 7. Prebuilt AI -- Chapter. 8. Measuring AI Performance -- Chapter. 9. Comparing Measurement Methods -- Chapter. 10. Simulating Intelligence -- Chapter, 11, Traditional Goals of Al Research --Chapter. 12. Additional Goals of Al Research -- Chapter. 13. Machine Learning -- Chapter. 14. Machine Learning Development Process --Chapter. 15. Al Development Process -- Chapter. 16. Al Sub-fields --Chapter. 17. Al Categories -- Chapter. 18. Categories based on Functionality -- Appendix.

Enterprises, as well as individuals, are racing to reap the benefits of Al.

Sommario/riassunto

However, in most cases, they are doing so without understanding the technology or its implications and risks, which can be significant. Artificial Intelligence: A Guide for Everyone is a step in addressing that gap by providing information that readers can easily understand at every level. This book aims to provide useful information to those planning, developing, or using AI, which has the potential to transform industries and shape the future. Whether you are stepping into the world of AI for the first time or are a seasoned professional seeking deeper insights, this comprehensive guide ensures that both beginners and experienced individuals find value within its pages. Artificial Intelligence: A Guide for Everyone encompasses theoretical as well as practical aspects of AI across various industries and applications. It demystifies AI by explaining, in alanguage that non-techies can follow, its history, different types, differentiating technologies, and various aspects of implementation. It explains the connection between Al theory and real-world application across diverse industries and how it fuels innovation. Whether you are an executive, student, professional, seasoned businessperson, or simply curious about the future of technology, Artificial Intelligence: A Guide for Everyone equips you with the knowledge to navigate this transformative field with confidence.