1.	Record Nr.	UNISA996546830503316
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	Titolo	A Beginner's Guide to Introduce Artificial Intelligence in Teaching and Learning [[electronic resource] /] / by Muralidhar Kurni, Mujeeb Shaik Mohammed, Srinivasa K G
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
	ISBN	3-031-32653-9
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (XIII, 229 p. 32 illus., 31 illus. in color.)
	Disciplina	371.334
	Soggetti	Education—Data processing
		Educational technology
		Artificial intelligence
		Computers and Education
		Digital Education and Educational Technology
		Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Acknowledgments -- Preface -- 1 Introduction -- 2 Intelligent Tutoring Systems -- 3 Natural Language Processing for Education -- 4 Predictive Analytics in Education -- 5 AI for Mobile Learning -- 6 AI-Enabled Gamification in Education -- 7 AR, VR, and AI - for Education -- 8 AI-based online/eLearning platforms -- 9 AI-Enabled Smart Learning -- 10 Chatbots for Education -- 11 AI-Assisted Remote Proctored Examinations -- 12 Ethics of Artificial Intelligence in Education.
	Sommario/riassunto	This book reimagines education in today's Artificial Intelligence (AI) world and the Fourth Industrial Revolution. Artificial intelligence will drastically affect every industry and sector, and education is no exception. This book aims at how AI may impact the teaching and learning process in education. This book is designed to demystify AI for teachers and learners. This book will help improve education and support institutions in the phenomena of the emergence of AI in teaching and learning. This book presents a comprehensive study of

how AI improves teaching and learning, from AI-based learning platforms to AI-assisted proctored examinations. This book provides educators, learners, and administrators on how AI makes sense in their everyday practice. Describing the application of AI in ten key aspects, this comprehensive volume prepares educational leaders, designers, researchers, and policymakers to effectively rethink the teaching and learning process and environments that students need to thrive. The readers of this book never fall behind the fast pace and promising innovations of today's most advanced learning technology.