1. Record Nr. UNINA9910851982603321

Autore	Pandit Manjaree
Titolo	Artificial Intelligence and Sustainable Computing : Proceedings of ICSISCET 2023 / / edited by Manjaree Pandit, M. K. Gaur, Sandeep Kumar
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819703272 9819703271
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (714 pages)
Collana	Algorithms for Intelligent Systems, , 2524-7573
Altri autori (Persone)	GaurM. K KumarSandeep
Disciplina	006.3
Soggetti	Computational intelligence Electronic circuits Cooperating objects (Computer systems) Internet of things Machine learning Computational Intelligence Electronic Circuits and Systems Cyber-Physical Systems Internet of Things Machine Learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Contents -- About the Editors -- 1 A Novel Intelligence System for Hybrid Crop Suitable Landform Prediction Using Machine Learning Techniques and IoT -- 1 Introduction -- 2 Related Work -- 3 Methodology -- 4 Dataset Description -- 5 Feature Engineering -- 6 Experiments -- 6.1 Logistic Regression -- 6.2 K-Nearest Neighbours (KNN) -- 6.3 Extreme Gradient Boosting (XGBoost) -- 6.4 Implementation in Cloud -- 7 Results and Discussion -- 8 Conclusion -- 9 Future Work -- References -- 2 Indian Annual Report Assessment Using Large Language Models -- 1 Introduction -- 1.1 Problem Statement -- 1.2 Objective -- 1.3 Contribution -- 2

	Related Work -- 3 Methodology -- 3.1 Dataset Preparation -- 3.2 Class Labels -- 4 Results -- 4.1 Fine-Tuning Language Model -- 4.2 Sentence Transformers
Sommario/riassunto	This book presents high-quality research papers presented at the 5th International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering and Technology (ICSISCET 2023) held at Madhav Institute of Technology & Science (MITS), Gwalior, India, during October 21–22, 2023. The book extensively covers recent research in artificial intelligence (AI) that knit together nature-inspired algorithms, evolutionary computing, fuzzy systems, computational intelligence, machine learning, deep learning, etc., which is very useful while dealing with real problems due to their model-free structure, learning ability, and flexible approach. These techniques mimic human thinking and decision-making abilities to produce systems that are intelligent, efficient, cost-effective, and fast. The book provides a friendly and informative treatment of the topics which makes this book an ideal reference for both beginners and experienced researchers.

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Record Nr.	UNISA996640972403316
Autore	SHAPIRO, Paul
Titolo	Clean Meat : How Growing Meat Without Animals Will Revolutionize Dinner and the World / Paul Shapiro
Pubbl/distr/stampa	New York, : Gallery books, 2018
ISBN	978-1-5011-8908-1
Descrizione fisica	241 p. ; 23 cm
Disciplina	641.36
Soggetti	Macellazione
Collocazione	II.5. 9080
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	In this "important book that could just save your life" (Michael Greger, MD, bestselling author of How Not to Die), Paul Shapiro gives you a front-row seat for the wild story of the race to create and commercialize cleaner, safer, sustainable meat--real meat--without the animals. From the entrepreneurial visionaries to the scientists'

workshops to the big business board-rooms--he details that quest for clean meat and that's "poised to revolutionize the business of food and agriculture," (Jack Welch, former CEO of General Electric).Since the dawn of Homo sapiens some quarter million years ago, animals have satiated our species' desire for meat. But with a growing global popula-tion and demand for meat, eggs, dairy, leather, and more, raising such massive numbers of farm animals is woefully inefficient and takes an enormous toll on the planet, public health, and certainly the animals themselves. But what if we could have our meat and eat it, too? The next great scientific revolution is underway--discovering new ways to create enough food for the world's ever-growing, ever-hungry population. Enter "cellular agriculture"--real, actual meat grown from animal cells--as well as other clean foods that ditch animal cells altogether and are simply built from the molecule up. Whereas our ancestors domesticated wild animals into livestock, today we're beginning to domesticate their cells, leaving the animals out of the equation. This is "a fascinating look at the future of food and the innovators who are working to interrupt and reinvent the food system" (Ann Veneman, former executive director of UNICEF and former US Secretary of Agriculture).