

1. Record Nr.	UNINA9910869158103321
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Titolo	Explainable Artificial Intelligence in the Digital Sustainability Administration : Proceedings of the 2nd International Conference on Explainable Artificial Intelligence in the Digital Sustainability Administration (AIRDS 2024) / / edited by Alhamzah Alnoor, Mark Camilleri, Hadi A. Al-Abrow, Marco Valeri, Gül Erkol Bayram, Yousif Raad Muhsen
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031637179 3031637178
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (404 pages)
Collana	Lecture Notes in Networks and Systems, , 2367-3389 ; ; 1033
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Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	-- 1. Explainable Machine Learning for Real-Time Payment Fraud Detection: Building Trustworthy Models to Protect Financial Transactions. -- 2. Applying robotic process automation (RPA) in sustainable audit quality: A literature review survey. -- 3. Advancing sustainable learning by boosting student self-regulated learning and feedback through AI-driven personalized in EFL education. -- 4. Enabling sustainable learning through virtual robotics machine mediation of social interactions between teachers, students, and machines based on sociology lens. -- 5. The role of Artificial Intelligence in improving customer service and retaining human resources: Digital Sustainability as a Mediating variable. -- 6.

Modelling Intelligent Agriculture Decision Support Tools to Boost Sustainable Digitalization: Evidence from MCDM Methods. -- 7. The role of AI applications in the advertising and design in social media marketing: A stride in the direction of marketing sustainability. -- 8. Artificial Intelligence and Environmental, Social and Governance: A Bibliometric Analysis Review. -- 9. The Mediating Influence of Energy Reduction on the Relationship Between Green Production and Digital Sustainability: Insights from Iraqi Oil Companies. -- 10. Exploring University Faculty Members ' Sustainable Innovative Behavior of Work with Artificial Intelligence: A Review of the Literature. -- 11. Exploring Customer Engagement Intentions with Interactive Smart Tables of AI for Full-Service Restaurants Sustainability. -- 12. The role of artificial intelligence trading robots in rationalizing cryptocurrency trading decisions by application to Bitcoin currency. -- 13. The effect of detecting earnings management according to artificial intelligence techniques on the sustainable accounting information. -- 14. Financing and Investing in Artificial Intelligence: The Lucrative Benefits in Terms of Sustainable Digitalization. -- 15. Sustaining an agile supply chain by adopting industry technologies (4.0). -- 16. The investment of human capital in digital green economy transition to support artificial intelligence technologies at private hospitals. -- 17. Interpretive structural modeling (ISM) as an artificial intelligence system for improving sustainable performance. -- 18. The Role of Artificial Intelligence in Promoting the Environmental, Social and Governance (ESG) Practices. -- 19. Harnessing Technological Innovation and Artificial Intelligence in Iraqi Commercial Banks to Achieve Sustainability. -- 20. Artificial intelligence and trends using in sustainability audit: A Bibliometric Analysis. -- 21. Using artificial intelligence to predict the financial gearing's capability to achieve financial sustainability. -- 22. Towards digital sustainability: Integrating canonical correlation with artificial neural network. -- 23. Artificial intelligence simulation of ant colony and decision tree in terms sustainability. -- 24. The Role of Artificial intelligence in Improving Sustainable Audit Quality. -- 25. Maximizing the marketing capabilities and digital sustainability of B2B & B2C platforms using artificial intelligence. -- 26. Using LSTM Network based on Logistic Regression Model for Classifying Solar radiation Time Series.

## Sommario/riassunto

This book explores current research trends in the context of the explainable artificial intelligence's impact on the digital sustainability trend while delving into case studies on education, tourism, marketing, and finance. These trends are examined through various case studies utilizing distinct analytical methods. The chapters are expected to support scholars and postgraduate students in furthering their research in this field and in recognizing prospective advancements in the applications of artificial intelligence.