

1. Record Nr.	UNISA996574259203316
Autore	Janssen Marijn
Titolo	New Sustainable Horizons in Artificial Intelligence and Digital Solutions : 22nd IFIP WG 6. 11 Conference on e-Business, e-Services and e-Society, I3E 2023, Curitiba, Brazil, November 9-11, 2023, Proceedings
Pubbl/distr/stampa	Cham : , : Springer, , 2024 ©2023
ISBN	3-031-50040-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (439 pages)
Collana	Lecture Notes in Computer Science Series ; ; v.14316
Altri autori (Persone)	PinheiroLuiz MatheusRicardo FrankenbergerFernanda DwivediYogesh K Pappasllias O MäntymäkiMatti
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Organization -- Contents -- Artificial Intelligence and Algorithm -- The Role of Algorithm and Task Familiarity in Algorithm Aversion: An Empirical Study -- 1 Introduction -- 2 Theoretical Background -- 2.1 Algorithmic Decision-making and Algorithm Aversion -- 3 Research Model and Hypotheses Development -- 4 Methodology -- 4.1 Measures and Data Collection -- 4.2 Data Analysis -- 5 Results -- 5.1 Measurement Model -- 5.2 Structural Model -- 6 Discussion -- 6.1 Key Findings -- 6.2 Implications for Research -- 6.3 Limitations and Future Research -- 7 Conclusion -- References -- Investigating Developers' Perception on Success Factors for Research Software Development -- 1 Introduction -- 2 Related Works -- 3 Method -- 3.1 Study Design -- 3.2 Data Collection -- 3.3 Data Analysis -- 4 Results -- 4.1 Respondents' Demographics -- 4.2 What are the Technical Factors that Determine the Success of Research Software Developed in Academia (RQ1)? -- 4.3 What are the Organizational Factors that Determine the Success of

Research Software Developed in Academia (RQ2)? -- 4.4 What Are the People Factors that Determine the Success of Research Software Developed in Academia (RQ3)? -- 5 Discussion -- 6 Threats to Validity -- 7 Conclusions and Future Works -- References -- Influence of Personal Cultural Orientations in Artificial Intelligence Adoption in Small and Medium-Sized Enterprises -- 1 Introduction -- 2 Literature Review -- 2.1 Personal Cultural Orientations -- 2.2 Unified Theory of Adoption and Use of Technology -- 3 Rationale of the Study -- 4 Methodology -- 4.1 Aim -- 4.2 Design and Setting of the Study -- 5 Description of All Processes and Methodologies Employed -- 6 Limitations -- 7 Results and Discussion -- 7.1 Results -- 8 Discussion -- 9 Conclusion -- 10 Theoretical and Managerial Implications -- References.

Human-AI Collaboration in Public Services: The Case of Sick Leave Case Handling -- 1 Introduction -- 2 Theoretical Background: Joint Cognitive Systems -- 3 Case Background and Method -- 3.1 Data Collection -- 3.2 Data Analysis -- 4 Findings -- 4.1 Using AI for Sorting Out Cases, Prioritising and Targeting -- 4.2 Using AI for Automating Data Retrieval and Processing, Reporting and Simple Tasks -- 4.3 Using AI as a Helper Rather than a Substitute -- 5 Discussion -- 6 Conclusion -- References -- Creating Demand for AI-Based Subscription of Physical Goods: A Consumer Perspective in the Food Industry -- 1 Introduction -- 2 Theoretical Foundation and Hypotheses -- 2.1 Regulatory Focus Theory -- 2.2 Hypothesis Development -- 3 Methodology -- 4 Results and Discussion -- 5 Conclusion and Contributions -- 6 Future Research Directions -- References -- Exploring the Transformative Impact of Generative AI on Higher Education -- 1 Introduction -- 2 Generative AI and Higher Education -- 3 Methodology -- 4 Findings and Discussions -- 5 Conclusions -- References -- Understanding DevOps Critical Success Factors: Insights from Professionals -- 1 Introduction -- 2 Background -- 2.1 DevOps Concept and Process -- 2.2 DevOps Critical Success Factors -- 3 Research Approach -- 3.1 Survey Design and Data Collection -- 3.2 Data Analysis -- 4 Results -- 4.1 Organizational Success Factors -- 4.2 Social and Cultural Factors -- 4.3 Technical Factors -- 5 Discussion -- 5.1 Key Findings -- 5.2 Implications -- 5.3 Limitations and Future Research -- 6 Conclusion -- References -- Integrating Machine Learning for Predicting Future Automobile Prices: A Practical Solution for Enhanced Decision-Making in the Automotive Industry -- 1 Introduction -- 2 Methodology -- 3 Theoretical Background -- 3.1 Production Planning and Control (PPC) in Sales Management.

3.2 Integration of Sales and Operations Planning (S&OP) -- 3.3 Machine Learning and its Techniques in Service-Based Scenarios -- 4 Demand Forecasting and Decision-Making Analysis -- 4.1 Process Mapping -- 4.2 Data Collection and Comparative Analysis of Machine Learning Techniques -- 4.3 Demand Forecasting-Driven Decision-Making Process and Validation -- 5 Final Considerations -- References -- Digital Transformation and New Technologies -- How Supervisory Board Members Influence Digital Strategy: Towards a Framework for Digital Strategy Governance -- 1 Introduction -- 2 Literature Background -- 2.1 Digital Strategy -- 2.2 Digital Strategy Governance by the Board -- 3 Research Method: Systematic Literature Review -- 4 Data Analysis -- 4.1 Previous Research Characteristics. -- 4.2 Actions that Might Influence Digital Strategy -- 4.3 Factors that Influence Actions Board Members Take -- 5 Towards a Framework for Digital Strategy Governance -- 6 Conclusions and Further Research -- Appendix -- References -- Benchmarking Open Government Data

(OGD) Curriculum in Universities -- 1 Introduction -- 2 Related Research -- 3 Research Methodology -- 4 Findings and Discussion -- 5 Conclusion -- References -- Transforming the Internal Audit Function (IAF): An Integrated MICMAC-ISM Approach for Unravelling the Relationship Among Challenges -- 1 Introduction -- 2 Research Approach -- 2.1 Literature Research -- 2.2 Analysis of the Challenges -- 3 Data Analysis and Findings -- 3.1 Challenges of AA Implementation by IAF -- 3.2 Structural Self-Interaction (SSIM) and Reachability Matrix -- 3.3 MICMAC (Cross-Impact Matrix-Multiplication Applied to Classification) and ISM Analysis -- 4 Discussion -- 4.1 Model Interpretation and its Scientific Value -- 4.2 Practical Implications -- 4.3 Limitations and Future Research -- 5 Conclusion -- References.

E-channel Selection Intention: Role of Users' IT Characteristics and IT Usage -- 1 Introduction -- 2 Theoretical Background -- 2.1 E-channel Selection Intention -- 3 Hypothesis Development -- 4 Proposed Research Methodology -- 5 Potential Contribution -- References -- Blockchain Adoption Decision-Making Process in Business: An Empirical Study -- 1 Introduction -- 2 Literature Background -- 3 Research Method -- 3.1 Data Collection -- 3.2 Data Analysis -- 4 Results -- 4.1 Infrastructure -- 4.2 Management -- 4.3 Business Models -- 4.4 Operational Processes -- 4.5 Environmental Impact -- 4.6 Decision-Making Framework -- 5 Discussion -- 5.1 Theoretical Implications -- 5.2 Practical Implications -- 5.3 Limitations and Future Research Directions -- 6 Conclusions -- References -- Privacy Perceptions in Digital Games: A Study with Information Technology (IT)

Undergraduates -- 1 Introduction -- 2 Background -- 3 Methodology -- 4 Results -- 4.1 Engage in the Game Development Between Different Genders (SQ1) -- 4.2 Player Behavior Regarding Some Privacy Issues (SQ2) -- 4.3 Described Privacy and Security Attacks (SQ3) -- 5 Discussions -- 6 Limitations of the Study -- 7 Final Considerations and Future Work -- References -- Assessing Factors of User Participation in Social Media During Crisis Events: An Analysis of Features and Practices -- 1 Introduction -- 2 Background -- 2.1 Using Social Media Tools -- 2.2 Analysis of Tools for Crisis Events -- 3 Methodology -- 4 Findings -- 4.1 Demographic Data (SO1) -- 4.2 Social Media Using (SO2) -- 4.3 Experience with Crisis Events (SO3) -- 4.4 Production of Alert Messages (SO4) -- 5 Discussion -- 6 Final Considerations -- References -- Investigating Social Commerce Factors: Motivation, Price Value, Habit, Risk and Attitude -- 1 Introduction -- 2 Literature Review and Conceptual Model Development.

2.1 Development of Conceptual Model -- 3 Methodology -- 4 Results -- 5 Discussion -- 5.1 Research Contribution -- 6 Conclusions -- 6.1 Limitation and Future Research -- Appendix -- Research

Questionnaires -- References -- Establishing a Health Data Marketplace: A Framework for Success -- 1 Introduction -- 2 Related Literature -- 3 Research Method -- 4 Findings -- 4.1 Technical Findings -- 4.2 Legal Findings -- 4.3 Financial Findings -- 4.4 Other Findings -- 4.5 Synthesis - Proposed Set of Components -- 5

Discussion -- 6 Conclusion -- References -- Industry 4.0 and Lean Manufacturing Contribute to the Development of the PDP and Market Performance? A Framework -- 1 Introduction -- 2 Theoretical Background -- 2.1 Industry 4.0 - Resources, Innovation, and Implementation -- 2.2 Lean Manufacturing - Concepts, Tools, and Implementation -- 2.3 Product Development Process and Market Performance -- 3 Research Development -- 3.1 Conceptual Framework -- 3.2 Survey -- 4 Results and Discussion -- 5 Conclusion -- References -- A Performance-Based Assessment Approach for Cloud

Service Provider Selection -- 1 Introduction -- 2 Theoretical Background -- 2.1 Cloud Computing (CC) -- 2.2 Network Technology -- 2.3 Conceptual Research Approach -- 3 Literature Review -- 4 Proposal of a New Assessment Approach -- 5 Instantiation -- 5.1 Case Study Design -- 5.2 Findings -- 6 Discussion and Conclusion -- References -- Unveiling the Golden Thread: Unmasking the Power of Blockchain for Sustainable Consumption -- 1 Introduction -- 2 Theoretical Background -- 2.1 Blockchain Transparency -- 2.2 Signaling Theory -- 3 Hypothesis Development -- 4 Methods -- 4.1 Study Design -- 4.2 Instrument Development -- 4.3 Data Collection and Analysis -- 5 Results -- 5.1 Measurement Model -- 5.2 Structural Model -- 6 Discussion -- 7 Study Implications -- 7.1 Theoretical Implications.
7.2 Practical Implications.
