

1. Record Nr.	UNINA9910878056403321
Autore	Ismail Azman
Titolo	Tech Horizons : Unveiling Future Technologies
Pubbl/distr/stampa	Cham : , : Springer, , 2024 ©2024
ISBN	9783031633263 9783031633256
Edizione	[1st ed.]
Descrizione fisica	1 online resource (128 pages)
Collana	SpringerBriefs in Applied Sciences and Technology Series
Altri autori (Persone)	ZulkipliFatin Nur HusinHusna Sarirah ÖchsnerAndreas
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Preface -- Contents -- The Design and Development of a 2D Platform Narrative Digital Game: What Happened to Aubrey -- 1 Introduction -- 2 Literature Review -- 2.1 Schizophrenia -- 2.2 Narrative Game -- 3 Methodology -- 3.1 Pre-production -- 3.2 Production -- 3.3 Post-production -- 3.4 Testing -- 4 Results and Discussion -- 5 Conclusion -- References -- A Short Communication on the Application of MATLAB in Material Science -- 1 Introduction -- 2 MATLAB -- 3 Application of MATLAB in Materials Science -- 3.1 Image Processing Using MATLAB -- 3.2 Mechanism of Image Processing with MATLAB -- 3.3 Surface Velocity Profile of Polymer -- 3.4 Void Fraction Identification -- 3.5 Material Characterization -- 3.6 Particle Size Analysis -- 3.7 Surface Morphology -- 4 Conclusion -- References -- Factors that Influence Sellers in Selection E-Marketplaces: A Systematic Literature Review -- 1 Introduction -- 2 Methodology -- 2.1 Selecting Databases -- 2.2 Constructing Keywords -- 2.3 Inclusion and Exclusion Criteria -- 2.4 Data Extraction -- 3 Result and Discussion -- 4 Conclusion -- References -- Tax Data Analytics -- 1 Introduction -- 1.1 Tax Data Analytics -- 1.2 Countries' with Tax Analytics Experience -- 2 Methodology -- 3 Results and Discussion -- 3.1 Tax Administrations

Using Big Data -- 3.2 Data Mining Application in Taxation -- 3.3 Predictive Modeling Application in Taxation -- 3.4 Descriptive Analytics Application in Taxation -- 3.5 Artificial Intelligence Application in Taxation -- 4 Conclusion -- References -- Digital Competence Assessment for Royal Malaysian Air Force Aircraft Maintenance Technicians -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- IoT-Based Wearable Device for Position Tracking and Visualization -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion. References -- Towards an Enterprise Architecture for Healthcare System and Information Technology: State of the Art and Future Trends -- 1 Introduction -- 2 Theoretical Framework-Literature Review -- 2.1 Study Context -- 2.2 Related Works -- 3 Research Methodology -- 3.1 Systematic Literature Review -- 3.2 Planning of Review -- 3.3 Execution of Review -- 3.4 Difference Enterprise Architecture Framework -- 3.5 Role of EA in Healthcare -- 4 Summary of Findings -- 5 Conclusion -- References -- A Regression Analysis for Predicting Student Academic Performance -- 1 Introduction -- 2 Literature Review -- 3 Framework of Student's Academic Performance Prediction -- 4 Experimental Setup and Analysis -- 4.1 Data Collection -- 4.2 Data Pre-processing and Feature Selection -- 4.3 Modeling and Predicting CGPA Using MLR -- 5 Conclusion -- References -- Bumiputera-Owned Small and Medium Enterprise Family Business Succession Plan: A Review -- 1 Introduction -- 2 Analysis of the Previous Works -- 2.1 Family Business -- 2.2 Family Business Criteria -- 2.3 Small and Medium Enterprise -- 2.4 Succession Planning -- 3 Research Methodology -- 4 Analysis of the Result -- 5 Conclusion -- References -- Using Data to Enhance Higher Education in the Age of IR 4.0: A Rapid Scoping Review -- 1 Introduction -- 2 Methodology -- 3 Results -- 3.1 What is Data Utilization in the Realm of Data-Driven Decision-Making in Higher Education? -- 3.2 What Types of Data Are Being Collected and Analyzed in Higher Education? -- 3.3 How is the Data Being Used to Inform Decision-Making and Improve Outcomes in Higher Education? -- 4 Discussion -- 4.1 Data Utilization in Higher Education -- 4.2 Implications for Practice -- 4.3 Future Research -- 5 Conclusion -- References -- Prediction Model of Cardiovascular Diseases Using ANFIS Sugeno -- 1 Introduction -- 2 Methodology. 2.1 Data Collecting and Data Processing -- 2.2 Model Development -- 2.3 Model Evaluation -- 3 Result and Reporting Stage -- 4 Conclusion -- References -- The Smart Concept to Prosper the Community with the Development of Local Wisdom in the Banjar Institution -- 1 Introduction -- 2 Methodology -- 2.1 Data Collection -- 2.2 Data Analysis -- 3 Results and Discussion -- 3.1 ICT Adoption -- 3.2 Smart Concept -- 3.3 Smart Concept with ICT Adoption -- 4 Conclusion -- References -- Laser-Based Security Monitoring Alarm Triggered System in Industrial Application Using IoT -- 1 Introduction -- 2 Methodology -- 3 Results and Discussion -- 4 Conclusion -- References -- Short-Term Photovoltaic (PV) Energy Prediction Using Machine Learning Approach -- 1 Introduction -- 2 Methodology -- 2.1 Dataset of PV Power Generation -- 2.2 Machine Learning as a Learning Model -- 2.3 Prediction on PV Output Energy Performance Indices -- 3 Results and Discussion -- 3.1 Descriptive Statistical Analysis of Meteorological Parameters and PV Output Energy -- 3.2 PV Output Energy Prediction -- 4 Conclusion -- References -- Insider Threat Prediction Techniques: A Systematic Review Paper -- 1 Introduction -- 2 Techniques for Insider Threat Prediction -- 2.1 Machine Learning Technique -- 2.2 Statistical Technique -- 2.3 Hybrid Technique -- 2.4 Knowledge-Based Technique -- 3 Methodology -- 4 Results and Discussion -- 5

