

Journal of Advances in Information Technology

CONTENTS

Volume 13, Number 6, December 2022

An Adaptive Model Averaging Procedure for Federated Learning (AdaFed)	539
<i>Alessandro Giuseppi, Lucrezia Della Torre, Danilo Menegatti, Francesco Delli Priscoli, Antonio Pietrabissa, and Cecilia Poli</i>	
Frequent Block Access Pattern-Based Replication Algorithm for Improving the Performance of Cloud Storage Systems.....	549
<i>Mohammed Sharfuddin and Thirumalaisamy Ragunathan</i>	
N-gram and Word2Vec Feature Engineering Approaches for Spam Recognition on Some Influential Twitter Topics in Saudi Arabia	562
<i>Ahmed M. Balfagih, Vlado Keselj, and Stacey Taylor</i>	
IoT-Based Garbage Container System Using NodeMCU ESP32 Microcontroller	569
<i>Anthony Anggrawan, Sirojul Hadi, and Christofer Satria</i>	
A Noun-Centric Keyphrase Extraction Model: Graph-Based Approach	578
<i>Rilwan O. Abimbola, Iyabo O. Awoyelu, Folasade O. Hunsu, Bodunde O. Akinyemi, and Ganiyu A. Aderounmu</i>	
iGlass: Mobile Application for Self-Eye Assessments.....	590
<i>Mary Jane C. Samonte, Aaron Paul R. Abellon, Cydel John F. Ariola, and Andrea Krystel P. Danao</i>	
Improving Operational Processes for COVID-19 Ready Smart Campus.....	597
<i>Donny Soh Cheng Lock, Indriyati Atmosukarto, Arthur Loo Wee Yeong, Selvakulasingam Thirunneepan, Toshiki Ishii, Rishabh Ranjan, Shuyang Dou, and Junichi Hirayama</i>	
Prediction of Stroke Disease Using Deep CNN Based Approach.....	604
<i>Md. Ashrafuzzaman, Suman Saha, and Kamruddin Nur</i>	
Implementation of Enhanced Data Integrity Algorithm in Cloud Computing	614
<i>Moloko P. Mothlabeng, Topside E. Mathonsi, Daniel P. du Plessis, and Tonderai Muchenje</i>	
Dark Web Text Classification by Learning through SVM Optimization	624
<i>Ch A. S. Murty and Parag H. Rughani</i>	
The Design and Implementation of a Dashboard Web-Based Service Management Operations	632
<i>Arief Agus Sukmandhani, Jati Kesuma Rusly, Agung Pratama, and Jenny Ohliati</i>	
A Novel Method for Cloud Security and Privacy Using Homomorphic Encryption Based on Facial Key Templates	638
<i>Tadi Chandrasekhar and Sumanth Kumar</i>	
Effective Crude Oil Trading Techniques Using Long Short-Term Memory and Convolution Neural Networks	645
<i>Wisaroot Lertthaweched, Pittipol Kantavat, and Boonserm Kijisirikul</i>	

Detection of Fake News Using Machine Learning and Natural Language Processing Algorithms.....	652
<i>Noshin Nirvana Prachi, Md. Habibullah, Md. Emanul Haque Rafi, Evan Alam, and Riasat Khan</i>	
System Analysis and Design of Patient Information System Using Design Thinking Methodology	662
<i>Grace Lorraine Intal, Ma. Bernadeth M. Oliverio, Devon Earl T. Panes, and Trinh Mae C. Vinluan</i>	