

**LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : PROSIDING**

Judul Karya Ilmiah : Impact of Soft Skills Competencies to predict Graduates getting Jobs Using Random Forest Algorithm
 Jumlah Penulis : Tiga (Salamun Rohman Nudin; Budi Warsito; Adi Wibowo)
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2. Ruang lingkup dan kedalaman pembahasan:

Ruang lingkup paper ini membahas tentang pentingnya kompetensi soft skills dalam menghadapi era industri 4.0 dan masyarakat 5.0. Soft skills adalah keterampilan khusus yang dimiliki oleh seseorang dalam bidang manajemen diri. Pembahasan cukup baik dan lengkap untuk pemanfaatan data sains dalam analisis soft skills.

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Data-data hasil yang diperoleh dalam penelitian baik dengan didukung metodologi yang tepat dengan jumlah referensi kurang dari 5 tahun sejumlah 12.

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Paper ini diterbitkan dalam conferences and proceedings 2022 1st International Conference on Information System & Information Technology (ICISIT) oleh IEEE Xplore

Semarang, 3 April 2023

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2. Ruang lingkup dan kedalaman pembahasan:

Ruang lingkup paper ini difokuskan pada analisis hubungan antara kompetensi soft skills dan penyerapan lulusan dalam memperoleh pekerjaan dalam waktu enam bulan setelah lulus. Untuk itu, digunakan algoritma random forest dalam pengembangan model prediksi. Pembahasan mendalam dengan hasil pengujian menggunakan confusion matrix pada pengembangan model prediksi ini menunjukkan akurasi sebesar 64%.

3. Kecukupan dan kemutakhiran data/informasi dan metodologi:

Dalam studi tersebut, telah diperoleh sekumpulan informasi yang didukung oleh metodologi yang tepat dan didukung oleh referensi yang terbaru, yaitu kurang dari 5 tahun yang lalu, dengan total sebanyak 12.

4. Kelengkapan unsur dan kualitas terbitan:

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Impact of Soft Skills Competencies to predict Graduates getting Jobs Using Random Forest Algorithm

Nudin, Salamun Rohman^{a, b}; Warsito, Budj^{a, c}; Wibowo, Adj^{a, d}

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Abstract



Soft skills competencies is a special skill by a person in the field of self-management. This competency is very much needed by higher education in getting a job in the era of industry 4.0 and society 5.0. Analysis of the impact of soft skills competencies is currently not widely carried out, even though the tracer study instrument for higher education already exists. Prediction of graduate

readiness to enter the work world is very important for higher education. It is necessary to carry out further analysis in this regard. The focus of this research is to analyze the relationship between soft skills competencies and the absorption of graduates in getting a job before six months using the random forest algorithm. The results of the testing using confusion matrix in the development of this prediction model resulted an accuracy of 64%. © 2022 IEEE.

Author keywords

competencies ; graduates ; prediction; random forest algorithm ; soft skills

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Program

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Parallel Session 1A

<i>Exploring Critical Success Factors for Enterprise Resource Planning Implementation: A Telecommunication Company Viewpoint</i>	
Muhammad Akmal Juniawan (Universitas Indonesia, Indonesia), Novialdi Ashari (Universitas Indonesia, Indonesia), Rizdiani Prastiti (Universitas Indonesia, Indonesia), Suci Inayah (Universitas Indonesia, Indonesia), Fandi Gunawan (Universitas Indonesia, Indonesia), Panca O. Hadi Putra (University of Indonesia, Indonesia)	1
<i>A Survey on Logging in Distributed System</i>	
Swardiantara Silalahi (Institut Teknologi Sepuluh Nopember, Indonesia), Royyana Ijtihadie (Institut Teknologi Sepuluh Nopember, Indonesia), Tohari Ahmad (Institut Teknologi Sepuluh Nopember (ITS), Indonesia), Hudan Studiawan (Institut Teknologi Sepuluh Nopember, Indonesia)	7
<i>COGS Report Customization Design for Profitability Analysis With ABAP List Viewer: Case Study of a Telecommunication Enterprise</i>	
Fatma Kurnia Febrianti (Telkom University, Indonesia), Muhardi Saputra (Telkom University, Indonesia), Warih Puspitasari (Telkom University, Indonesia)	13
<i>The Effect of Personal Innovativeness and Trust in Online Lending Platforms to Adoption of Indonesian Sharia FinTech Lending</i>	
Yekti Wirani (Nurul Fikri College of Technology, Indonesia), Maurice Ibrahim (Nurul Fikri College of Technology, Indonesia)	19
<i>Perceived Value Model Analysis on Video Games Cosmetics Purchase and Continued Use Intention</i>	
Wildan Razaq Ramadhan (BINUS University, Indonesia), Daffa Satria Bako (BINUS University, Indonesia), Nico Winata (BINUS University, Indonesia), Henkie Ongowarsito (Bina Nusantara University, Indonesia)	25
<i>Assessment of IT Maturity Level and Roadmap Preparation for Improving Governance Based on COBIT 5 (Case Study: XYZ Company)</i>	
Muharman Lubis (Telkom University, Indonesia), Mutmainnah Lanure (University of Telkom, Indonesia), Furqan Maulana (University of Telkom & XYZ Company, Indonesia)	31

Parallel Session 1B

<i>Regional Economy Condition in Indonesia During COVID-19 Pandemic: An Analysis Using Teaching Learning-Based Fuzzy Geodemographic Clustering</i>	
Bahrul Ilmi Nasution (Jakarta Smart City, Indonesia), Sri Indriyani Siregar (BPS, Indonesia)	37
<i>Prediction of Microbial Population in Meat Using Electronic Nose and Support Vector Regression Algorithm</i>	
Rizky Pratama Hibatulah (Telkom University, Indonesia), Dedy Rahman Wijaya (Telkom University, Indonesia), Wawa Wikusna (Telkom University, Indonesia)	43
<i>Impact of Soft Skills Competencies to Predict Graduates Getting Jobs Using Random Forest Algorithm</i>	
Salamun Rohman Nudin (Diponegoro University & Universitas Negeri Surabaya, Indonesia), Budi Warsito (Diponegoro University, Indonesia), Adi Wibowo (Diponegoro University, Indonesia)	49
<i>Iris Grid Image Classification Using Naïve Bayes for Human Biometric System</i>	
Adhi Dharma Wibawa (Institut Teknologi Sepuluh Nopember, Indonesia), Yuri Pamungkas (ITS Surabaya, Indonesia)	55
<i>Detecting Fake Yelp Reviews Using a Positional LSTM / K-L Divergence Ensemble Approach</i>	
Christopher Harris (University of Northern Colorado, USA)	61
<i>Visualization Analysis and Trends in Indonesian Internet of Things Research Using Bibliometrics</i>	
Fairuz Iqbal Maulana (Bina Nusantara University, Indonesia), Gusti Pangestu (Bina Nusantara University, Indonesia), M. Febriantono (Bina Nusantara University, Indonesia), Rahman Arifuddin (University of Merdeka Malang, Indonesia), Vandha Widartha (Telkom University, Indonesia)	67

Parallel Session 1C

<i>Diagnostics of Magnetron Transmitter System Using Thermal Camera and Neural Network</i> Arsy Yudha Prinanto (Institut Teknologi Sepuluh Nopember, Indonesia), Muhammad Rivai (Institut Teknologi Sepuluh Nopember, Indonesia), Rachmad Setiawan (Institut Teknologi Sepuluh Nopember, Indonesia)	73
<i>Prediction of Breed Lineage for Small Ruminant Production Using Deep Learning Technique</i> Mohammad Farizshah Ismail Kamil (Universiti Pertahanan Nasional Malaysia & Fariz Gaskin Technologies, Malaysia), Jamaludin Nor Azliana Akmal (Senior Lecturer, Malaysia), Mohd Rizal Mohd Isa (National Defence University of Malaysia, Malaysia), Shokri Jusoh (Universiti Putra Malaysia, Malaysia)	79
<i>In Image Classification of Skin Cancer Sufferers: Modification of K-Nearest Neighbor With Histogram of Oriented Gradients Approach</i> Arif Ridho Lubis (Politeknik Negeri Medan, Indonesia), Santi Prayudani (Politeknik Negeri Medan, Indonesia), Yulia Fatmi (Politeknik Negeri Medan Indonesia, Indonesia), Yuyun Lase (Polytechnic State Of Medan & Education, Indonesia), Al-Khowarizmi Al-Khowarizmi (Universitas Muhammadiyah Sumatera Utara, Indonesia)	85
<i>Optimizing LSTM Model for Low-Cost Green Car Demand Forecasting</i> Muchamad Taufiq Anwar (Politeknik STMI Jakarta, Indonesia)	90
<i>Spatial Selection Configuration on EEG Stroke Signal</i> Muhamad Fulki Firdaus (Telkom University, Indonesia), Hilman Fauzi (Telkom University, Indonesia), Yunendah Fuadah (Telkom University & Image and Computer Vision (IMV Laboratory), Indonesia), Anggit Adji Hapsari (Telkom University, Indonesia), Ibrahim Shapiai (Malaysia-Japan International Institute of Technology (MJIT), Malaysia)	96
<i>Piezoelectric-Based Battery Charging on Multirotor Drone for Modern Farming: A Concept Model</i> Jans Hendry (Universitas Gadjah Mada, Indonesia), Fakhri Irsyadi (Universitas Gadjah Mada, Indonesia), Nur Rohman Rosyid (Universitas Gadjah Mada, Indonesia), Ilham Riska Subekti (Universitas Gadjah Mada, Indonesia), Andri Khoiril Huda (Universitas Gadjah Mada, Indonesia)	102

Parallel Session 1D

<i>Sentiment Analysis on Online Learning During the Covid-19 Pandemic Based on Opinions on Twitter Using KNN Method</i> Arif Ridho Lubis (Politeknik Negeri Medan, Indonesia), Santi Prayudani (Politeknik Negeri Medan, Indonesia), Muharman Lubis (Telkom University, Indonesia), Okvi Nugroho (Universitas Sumatera Utara, Indonesia)	106
<i>Critical Success Factors of Knowledge Management Implementation in BPKP</i> Reza Amelia (University of Indonesia, Indonesia), Azizah Endrastaty (Universitas Indonesia & Badan Pengawasan Keuangan dan Pembangunan (BPKP), Indonesia), Dana Indra Sensuse (University of Indonesia, Indonesia)	112
<i>The Establishment of Organizational Culture in Multinational Cellular Telecommunication Companies</i> Christanto Triwibisono (Telkom University, Indonesia), Muharman Lubis (Telkom University, Indonesia), Rokhman Fauzi (Telkom University, Indonesia), Arif Ridho Lubis (Politeknik Negeri Medan, Indonesia)	118
<i>Digital Transformation in Vocational High School: A Soft System Approach</i> Sekar W Prasetyaningtyas (Binus Business School, Binus University, Indonesia)	124
<i>Implementation of Virtual Organization in a Global Distributed Company: A Case Study</i> Fifeka Onanda Wahid (University of Indonesia, Indonesia), Agustinus Putra (University of Indonesia, Indonesia), Heri Heryadi (University of Indonesia, Indonesia), Anggraini Parahita (University of Indonesia, Indonesia), Mohamad Hilmy Zhafrani (Universitas Indonesia, Indonesia), Muhammad Rifki Shihab (Faculty of Computer Science, Universitas Indonesia, Indonesia)	129

Parallel Session 1E

<i>The Effect of Addiction, Perceived Values and Mobile Game Loyalty on Purchase Intention in Mobile Legends in Indonesia</i> Ilham Ramli (BINUS Business School, Indonesia), Lim Sanny (Bina Nusantara University, Indonesia)	135
---	-----

<i>Mobile Augmented Reality Serious Game Design Based on Bloom's Taxonomy</i> Tri ika Jaya Kusumawati, tijk (Universitas Budi Luhur, Indonesia), Anwar Rifai (Universitas Budi Luhur, Indonesia), Mauridhi Hery Purnomo (Institut of Technology Sepuluh Nopember, Indonesia)	140
<i>Artlution: Architecture Design of Mobile Apps for Artblock Problems</i> Gregorius Kevin Satrya Ananta (Bina Nusantara University, Indonesia), Yudhistya Ayu Kusumawati (Bina Nusantara University, Indonesia), Andi Pramono (Bina Nusantara University, Indonesia)	145
<i>Kampusku: Information Portal Mobile Application Design of Private Universities in Indonesia</i> Elena Oddey Goretti (Bina Nusantara University, Indonesia), Yudhistya Ayu Kusumawati (Bina Nusantara University, Indonesia), Anindya Widita (Bina Nusantara University, Indonesia)	150
<i>A Systematic Literature Review of Knowledge Management Models for E-Learning</i> Muh Syaiful Romadhon (University of Indonesia, Indonesia), Dana Indra Sensuse (University of Indonesia, Indonesia), Nadya Safitri (Universitas Indonesia, Indonesia), Deden Sumirat Hidayat (University Indonesia and Indonesian Institute of Science (LIPI), Indonesia)	156

Parallel Sesion 2A

<i>Probability Selection for Solving Sudoku With Ant Colony Optimization Algorithm</i> Gozde Karatas Baydogmus (Assistant Professor, Turkey)	161
<i>A Parallelization Based Ant Colony Optimization for Travelling Salesman Problem</i> Gozde Karatas Baydogmus (Assistant Professor, Turkey)	166
<i>Breast Cancer Prediction Using Random Forest and Gaussian Naïve Bayes Algorithms</i> Ita Sulistiani (Universitas Negeri Jakarta, Indonesia), Widodo Widodo (Universitas Negeri Jakarta, Indonesia)	170
<i>Identification of Human Stress Based on EEG Signals Using Machine Learning</i> Nur Nafi'iyah (Institut Teknologi Sepuluh Nopember, Indonesia), Nophaz Hanggara Saputra (Kepolisian Daerah Jawa Timur, Indonesia)	176
<i>EEG-Based Statistical Analysis on Determining the Stress Mental State on Police Personnel</i> Nophaz Hanggara Saputra (Kepolisian Daerah Jawa Timur, Indonesia), Adhi Dharma Wibawa (Institut Teknologi Sepuluh Nopember, Indonesia), Yuri Pamungkas (ITS Surabaya, Indonesia)	181
<i>Electronic Nose Based on Gas Sensor Array and Neural Network for Indoor Hydrogen Gas Control System</i> Kadek Ari Sudama (Institut Teknologi Sepuluh Nopember Surabaya, Indonesia), Muhammad Rivai (Institut Teknologi Sepuluh Nopember, Indonesia), Totok Mujiono (Institute Technology Sepuluh Nopember, Indonesia), Dava Aulia (Institut Teknologi Sepuluh Nopember, Indonesia)	187
<i>ECG Signal Processing Using 1-D Convolutional Neural Network for Congestive Heart Failure Identification</i> Muhammad Adnan Pramudito (Telkom University, Indonesia), Yunendah Fuadah (Telkom University & Image and Computer Vision (IMV Laboratory), Indonesia), Rita Magdalena (Telkom University, Indonesia), Achmad Rizal (Telkom University, Indonesia), Fauzi Frahma Taliningsih (Telkom University, Indonesia)	193
<i>Classification of Glaucoma in Fundus Images Using Convolutional Neural Network With MobileNet Architecture</i> Ibnu Da'wan Salim Ubaidah (Telkom University, Indonesia), Yunendah Fuadah (Telkom University & Image and Computer Vision (IMV Laboratory), Indonesia), Sofia Sa'idah (Telkom University, Indonesia), Rita Magdalena (Telkom University, Indonesia), Abel Bima Wiratama (Telkom University, Indonesia), Richard Bina Jadi Simanjuntak (Telkom University, Indonesia)	198
<i>Biometric Verification Based on ECG Signal Using 1 Dimensional Convolutional Neural Network</i> Fauzi Frahma Taliningsih (Telkom University, Indonesia), Yunendah Fuadah (Telkom University & Image and Computer Vision (IMV Laboratory), Indonesia), Syamsul Rizal (Telkom University, Indonesia), Achmad Rizal (Telkom University, Indonesia), Muhammad Adnan Pramudito (Telkom University, Indonesia), Giyan Sukma Pratama (Telkom University, Indonesia), Andi Fany (Telkom University, Indonesia)	204
<i>Feasibility Study of Artificial Intelligence Technology for Home Video Surveillance System</i> Tri Ayuningsih (Telkom Indonesia, Indonesia), Agung Suhendar (Telkom Indonesia, Indonesia), Suyanto Suyanto (Telkom University, Indonesia)	210

Parallel Session 2B

<i>Cost Driver Mapping for Budget Allocation Reporting in SAP FI-CO</i> Anastassya Gustirani (Telkom University, Indonesia), Muhardi Saputra (Telkom University, Indonesia), Warih Puspitasari (Telkom University, Indonesia)	216
<i>Gamification on Mobile Banking Application: A Literature Review</i> Putri Taqwa Prasetyaningrum (Universitas Diponegoro Semarang, Indonesia), Purwanto Purwanto (Universitas Diponegoro, Indonesia), Adian Fatchur Rochim (Diponegoro University, Indonesia)	222
<i>A Study of Computer Aided Tools for Evaluation of Text in English as a Foreign Language</i> Malini Sathyabalan (Ahmedabad, India), Maxwell Christian (GLS University & Gujarat Technological University, India)	228
<i>Information System Analysis and Design for Mobile-Based HoMain Applications</i> Farrel Ruchiyat (Universitas Bina Nusantara, Indonesia), Daffa Albaihaqi Albaihaqi Santoso (Bina Nusantara University, Indonesia), Muhammad Alththa Ikhsan (Bina Nusantara University, Indonesia), Henkie Ongowarsito (Bina Nusantara University, Indonesia)	233
<i>Software Practices for Agile Developers: A Systematic Literature Review</i> Devina Arnyndiasari (Universitas Gadjah Mada, Indonesia), Ridi Ferdiana (Universitas Gadjah Mada, Indonesia), Paulus Insap Santosa (Universitas Gadjah Mada, Indonesia)	238
<i>User Experience Evaluation of Surabaya's Freeletics Community Information System Using User Experience Questionnaire (UEQ)</i> Mirza Ramadhani (Bina Nusantara University, Indonesia), Sidharta Sidharta (Bina Nusantara University, Indonesia), Nadya Budhianto (Bina Nusantara University, Indonesia)	244
<i>Analysis of Employee Attendance Mobile Application Problems Based on User Reviews: A Case Study</i> Novy Ariyanto (University of Indonesia, Indonesia)	249
<i>Scientometric Analysis in the Field of Big Data and Artificial Intelligence in Industry</i> Fairuz Iqbal Maulana (Bina Nusantara University, Indonesia), M. Febriantono (Bina Nusantara University, Indonesia), Miftahul Hamim (Language Center, Bina Nusantara University, Indonesia), Bayu Ramadhani Fajri (Universitas Negeri Padang, Indonesia), Rahman Arifuddin (University of Merdeka Malang, Indonesia)	255
<i>SMEs' Adoption of Social Media Consulting During COVID-19 Pandemic</i> Okky Pramudita (Bina Nusantara University, Indonesia), Adhi Murti Citra Amalia H. (Bina Nusantara University, Indonesia), Galuh Ayu Savitri (Bina Nusantara University, Indonesia)	261
<i>A Survey: Readiness of Malaysian Higher Education Institutes Towards the Adaptations of Industry Revolution 4.0</i> Roziyani Rawi (Universiti Kuala Lumpur & National Defense University of Malaysia, Malaysia), Mohd Rizal Mohd Isa (National Defence University of Malaysia, Malaysia), Mohd Nazri Ismail (National Defence University of Malaysia, Malaysia), Aznida Abu Bakar Sajak (Universiti Kuala Lumpur, Malaysia & University of Liverpool, United Kingdom (Great Britain)), Mohd Azmi Mustafa (National Defence University of Malaysia, Malaysia)	267

Parallel Session 2C

<i>Measurement of Employee Information Security Awareness on Data Security: A Case Study at XYZ Polytechnic</i> Vina Ardelia Effendy (University of Indonesia, Indonesia), Yova Ruldeviyani (Universitas Indonesia, Indonesia), Muhammad Muslim Rifa'i (University of Indonesia, Indonesia), Vien Rahmatika (University of Indonesia, Indonesia), Wiwin Nuraini (University of Indonesia, Indonesia), Yosua Sagala (University of Indonesia, Indonesia)	272
<i>Gamification: A Comprehensive Review of Literature</i> Virdha Rahma Aulia (Institut Teknologi Sepuluh Nopember, Indonesia), Apol Pribadi Subriadi (Institut Teknologi Sepuluh Nopember, Indonesia), Reny Nadlifatin (Institut Teknologi Sepuluh Nopember, Indonesia)	277
<i>Evaluation User Acceptance of Mobile Virtual Reality Application for English Learning</i> Albert Yakobus Chandra (Universitas Mercu Buana Yogyakarta, Indonesia), Putri Taqwa Prasetyaningrum (Universitas Mercu Buana Yogyakarta, Indonesia), Ozzi Suria (Universitas Mercu Buana Yogyakarta, Indonesia), Paulus Insap Santosa (Universitas Gadjah Mada, Indonesia), Lukito Edi Nugroho (Universitas Gadjah Mada, Indonesia), Irfan Pratama (Universitas Mercubuana Yogyakarta, Indonesia)	283

<i>Design of IT Governance Based on Cobit 2019: A Case Study of XYZ Education Foundation</i> Widia Febriyani (Telkom University, Indonesia), Muhammad Ilham Alhari (Telkom University, Indonesia), Tien Fabrianti Kusumasari (Telkom University, Indonesia)	289
<i>Issues and Challenges of the Data Analytics Development Project in the Center of Information System and Financial Technology</i> Muhammad Badriansyah Putra (University of Indonesia, Indonesia), Ira Sulistyowati (Universitas Indonesia, Indonesia), Riko Wijayanto (University of Indonesia, Indonesia), Fahmi Alaydrus (Universitas Indonesia, Indonesia), Teguh Raharjo (Universitas Indonesia, Indonesia)	295
<i>Information Technology Governance at Rachmi Dewi Gresik Hospital Using the Cobit 5 Framework</i> Sajidah Rachmawati (Telkom University, Indonesia), Rifqi Rosidin (Telkom University, Indonesia), Muharman Lubis (Telkom University, Indonesia)	301
<i>Knowledge Management Strategy in Indonesia Startup Company: Case Study in PT XYZ</i> Ridwan Budiman (Universitas Indonesia, Indonesia), Dana Indra Sensuse (University of Indonesia, Indonesia), Nadya Safitri (Universitas Indonesia, Indonesia)	306
<i>Comparison of Scrum Maturity Between Internal and External Software Development: A Case Study at One of the State-Owned Banks in Indonesia</i> Hidayatul Zelfia (University of Indonesia, Indonesia), Tiarna Simanungkalit (Universitas Indonesia, Indonesia), Teguh Raharjo (Universitas Indonesia, Indonesia)	312
<i>Measurement of Employee Information Security Awareness: A Case Study at an Indonesian Correctional Institution</i> Rosihan Rosihan (University of Indonesia & Ministry of Law and Human Rights of the Republic of Indonesia, Indonesia), Achmad Hidayanto (University of Indonesia, Indonesia)	318
<i>Factors Affecting the Success of Information Technology Projects</i> Justin Justin (Bina Nusantara University, Indonesia), Anderes Gui (Bina Nusantara University, Indonesia), Muhammad Shabir Shaharudin (Universiti Sains Malaysia, Malaysia), Muhamad Fairuz Ahmad Jasmi (Universiti Utara Malaysia, Indonesia), Faizah Shahudin (Xiamen University Malaysia, Malaysia)	324

Parallel Session 2D

<i>Performance Analysis of a Parallel Genetic Algorithm: A Case Study of the Traveling Salesman Problem</i> Henry Novianus Palit (Petra Christian University, Indonesia), Indar Sugiarto (Petra Christian University, Indonesia), Doddy Prayogo (Petra Christian University, Indonesia), Alexander Pratomo (Petra Christian University, Indonesia)	330
<i>Design of 3D LiDAR Combined With Neural Network for Object Classification</i> Basith Abdurrohman Asy'ari (Institut Teknologi Sepuluh Nopember, Indonesia), Muhammad Rivai (Institut Teknologi Sepuluh Nopember, Indonesia), Muhammad Attamimi (Institut Teknologi Sepuluh Nopember, Indonesia), Djoko Purwanto (Institut Teknologi Sepuluh Nopember, Indonesia)	336
<i>Heart Diagnose Application Using Bagging Algorithm</i> Muhammad Akbar Haikal Frasanta (Telkom University, Indonesia), Dedy Rahman Wijaya (Telkom University, Indonesia), Heru Nugroho (Telkom University & Institut Teknologi Bandung, Indonesia), Tora Fahrudin (Telkom University, Indonesia)	342
<i>A New Color-Based Instrument Model for Basic Music Learning</i> Eddy Nurraharjo (Universitas Stikubank Semarang, Indonesia), Mardi Utomo (Universitas Stikubank Semarang, Indonesia), Bagus Prakoso (Stikubank University, Indonesia), Heryn Febuariyanti (Universitas Stikubank, Indonesia)	347
<i>Infiltration Wells Program in Jakarta: Twitter Sentiment Analysis</i> Rebecca La Volla Nyoto (Universitas Indonesia, Indonesia), Yova Ruldeviyani (Universitas Indonesia, Indonesia)	352
<i>Performance Analysis of the Triple Exponential Smoothing Method During the Covid19 Pandemic on Tourist Visit Data</i> I Made Darma Susila (Institut Teknologi dan Bisnis STIKOM Bali, Indonesia), Yohanes Priyo Atmojo (Institut Teknologi dan Bisnis STIKOM Bali, Indonesia), Ni Luh Putri Srinadi (Institut Teknologi dan Bisnis STIKOM Bali, Indonesia), Ida Bagus Suradarma (Institut Teknologi dan Bisnis STIKOM Bali, Indonesia), Lilis Yuningsih (Institut Teknologi dan Bisnis STIKOM Bali, Indonesia), Erma Sulisty Rini (Institut Teknologi dan Bisnis STIKOM Bali, Indonesia)	358
<i>Peat Depth Prediction System Using Long-Term MODIS Data and Random Forest Algorithm: A Case Study in Pulang Pisau, Kalimantan</i> Muhammad Fadhurrahman (University of Indonesia, Indonesia), Adhi Harmoko Saputro (Universitas Indonesia, Indonesia)	364

<i>The Effect of Anthropomorphic Design Cues on Increasing Chatbot Empathy</i> Riswanda Al Farisi (Gadjah Mada University, Indonesia), Ridi Ferdiana (Universitas Gadjah Mada, Indonesia), Teguh Bharata Adji (Universitas Gadjah Mada, Indonesia)	370
<i>Recommender System Using Transformer Model: A Systematic Literature Review</i> Husni Iskandar Pohan (Bina Nusantara University, Indonesia), Harco Leslie Hendric Spits Warnars (Bina Nusantara University & Doctor of Computer Science, Indonesia), Benfano Soewito (Bina Nusantara University, Indonesia), Ford Gaol (Bina Nusantara University, Jakarta, Indonesia)	376
<i>Classification of Nutrition Deficiency in Rice Plant Using Convolutional Neural Network</i> Nathaniel Syalomta (Telkom University, Indonesia), Muhammad Ikhwan Khalid Nasution (Telkom University, Indonesia), Indah Utami (Telkom University, Indonesia), Deva Oktavia (Telkom University, Indonesia), Syamsul Rizal (Telkom University, Indonesia), Nur Ibrahim (Telkom University, Indonesia), Nor Kumalasari Caecar Pratiwi (Universitas Telkom, Indonesia)	382

Parallel Session 2E

<i>Analyzing Machine Learning-Based Feature Selection for Botnet Detection</i> Winda Ayu Safitri (Institute Technology of Sepuluh Nopember, Indonesia), Tohari Ahmad (Institut Teknologi Sepuluh Nopember (ITS), Indonesia), Dandy Pramana Hostiadi (Institut Teknologi dan Bisnis STIKOM Bali, Indonesia)	386
<i>A Comparative Method for Securing Internet of Things (IoT) Devices: AES Vs SIMON-SPECK Encryptions</i> Baiq Yuniar Yustiarini (Probolinggo, Jawa Timur & Telkom University, Indonesia), Favian Dewanta (Telkom University, Indonesia), Hilal H. Nuha (Telkom University, Indonesia)	392
<i>Scalable Off-Chain Blockchain for Vehicular Network</i> Mohamad Hafizat Zainal Abidin (Universiti Teknologi Malaysia, Malaysia), Saravid Suchaad (UTM, Malaysia), Chia Yee Ooi (Universiti Teknologi Malaysia, Malaysia), Nordinah Ismail (Universiti Teknologi Malaysia (UTM), Malaysia), Mohd Azlan Abu (Universiti Teknologi Malaysia, Malaysia)	397
<i>Comparative Analysis of Quality of Service and Performance of MPLS, EoIP and SD-WAN</i> Rd. Yovi Manova (Universitas Muhammadiyah Tasikmalaya, Indonesia), Edi Sukmadirana (Universitas Muhammadiyah Tasikmalaya, Indonesia), Nurma Siti Nurmanah (Universitas Muhammadiyah Tasikmalaya, Indonesia)	403
<i>Design of Millimeter-Wave Based Radio Over Fiber for 5G Application</i> Salsabila Shita Putri Nugroho (Universitas Indonesia, Indonesia), Yus Natali (Institut Teknologi Telkom Jakarta & Universitas Indonesia, Indonesia), Catur Apriono (Universitas Indonesia, Indonesia)	409
<i>Study on Periodogram and Correlogram-Based Spectrum Sensing Implementation on GNU Radio</i> Rahardian Luthfi Prasetyo (Universitas Gadjah Mada, Indonesia), Sigit Basuki Wibowo (Gadjah Mada University, Indonesia), Dyonisius Dony Ariananda (Universitas Gadjah Mada, Indonesia)	415
<i>Investigation of the Impact of Routing Protocol in Green IoT With Netsim</i> Muhammad Fadhil Lakarani (Universiti Kuala Lumpur, Malaysia), Aznida Abu Bakar Sajak (Universiti Kuala Lumpur, Malaysia & University of Liverpool, United Kingdom (Great Britain)), Mohd Nazri Ismail (National Defence University of Malaysia, Malaysia), Noormadinah Allias (Albukhary International University, Malaysia)	421
<i>Implementation of Blockchain for Digital Document Data Collection Website</i> Timothy Harlian (Telkom University, Indonesia), Muhammad Faris Ruriawan (Telkom University, Indonesia), Yudha Purwanto (Telkom University, Indonesia)	425
<i>Application of Inventive Design Methodology for a Sensor Fusion Approach in Structure-From-Motion (SfM) Applications</i> Antonius Schmidt (South Westphalia University of Applied Sciences Soest, Germany), Dominik Aufderheide (South Westphalia University of Applied Sciences Soest, Germany)	431
<i>An Investigation on the Impact of Energy Harvesting in Green IoT With Netsims</i> Mohd Nabil Iqbal Ahmad (University Kuala Lumpur & Malaysian Institute Information Technology, Malaysia), Aznida Abu Bakar Sajak (Universiti Kuala Lumpur, Malaysia & University of Liverpool, United Kingdom (Great Britain)), Mohd Nazri Ismail (National Defence University of Malaysia, Malaysia), Noormadinah Allias (Albukhary International University, Malaysia)	437

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Author index

Author	Session	Start page	Title
A			
Abu, Mohd Azlan	2E.3	397	<i>Scalable Off-Chain Blockchain for Vehicular Network</i>
Abu Bakar Sajak, Aznida	2B.10	267	<i>A Survey: Readiness of Malaysian Higher Education Institutes Towards the Adaptations of Industry Revolution 4.0</i>
	2E.7	421	<i>Investigation of the Impact of Routing Protocol in Green IoT With Netsim</i>
	2E.10	437	<i>An Investigation on the Impact of Energy Harvesting in Green IoT With Netsims</i>
Adji, Teguh	2D.8	370	<i>The Effect of Anthropomorphic Design Cues on Increasing Chatbot Empathy</i>
Ahmad, Mohd Nabil Iqbal	2E.10	437	<i>An Investigation on the Impact of Energy Harvesting in Green IoT With Netsims</i>
Ahmad, Tohari	1A.2	7	<i>A Survey on Logging in Distributed System</i>
	2E.1	386	<i>Analyzing Machine Learning-Based Feature Selection for Botnet Detection</i>
Al-Khowarizmi, Al-Khowarizmi	1C.3	85	<i>In Image Classification of Skin Cancer Sufferers: Modification of K-Nearest Neighbor With Histogram of Oriented Gradients Approach</i>
Alaydrus, Fahmi	2C.5	295	<i>Issues and Challenges of the Data Analytics Development Project in the Center of Information System and Financial Technology</i>
Alhari, Muhammad	2C.4	289	<i>Design of IT Governance Based on Cobit 2019: A Case Study of XYZ Education Foundation</i>
Allias, Noormadinah	2E.7	421	<i>Investigation of the Impact of Routing Protocol in Green IoT With Netsim</i>
	2E.10	437	<i>An Investigation on the Impact of Energy Harvesting in Green IoT With Netsims</i>
Amalia H., Adhi Murti	2B.9	261	<i>SMEs' Adoption of Social Media Consulting During COVID-19 Pandemic</i>
Amelia, Reza	1D.2	112	<i>Critical Success Factors of Knowledge Management Implementation in BPKP</i>
Anwar, Muchamad	1C.4	90	<i>Optimizing LSTM Model for Low-Cost Green Car Demand Forecasting</i>

Taufiq			
Apriono, Catur	2E.5	409	<i>Design of Millimeter-Wave Based Radio Over Fiber for 5G Application</i>
Ariananda, Dyonisius Dony	2E.6	415	<i>Study on Periodogram and Correlogram-Based Spectrum Sensing Implementation on GNU Radio</i>
Arifuddin, Rahman	1B.6	67	<i>Visualization Analysis and Trends in Indonesian Internet of Things Research Using Bibliometrics</i>
	2B.8	255	<i>Scientometric Analysis in the Field of Big Data and Artificial Intelligence in Industry</i>
Ariyanto, Novy	2B.7	249	<i>Analysis of Employee Attendance Mobile Application Problems Based on User Reviews: A Case Study</i>
Arnyndiasari, Devina	2B.5	238	<i>Software Practices for Agile Developers: A Systematic Literature Review</i>
Ashari, Novialdi	1A.1	1	<i>Exploring Critical Success Factors for Enterprise Resource Planning Implementation: A Telecommunication Company Viewpoint</i>
Asy'ari, Basith	2D.2	336	<i>Design of 3D LiDAR Combined With Neural Network for Object Classification</i>
Attamimi, Muhammad	2D.2	336	<i>Design of 3D LiDAR Combined With Neural Network for Object Classification</i>
Aufderheide, Dominik	2E.9	431	<i>Application of Inventive Design Methodology for a Sensor Fusion Approach in Structure-From-Motion (SfM) Applications</i>
Aulia, Dava	2A.6	187	<i>Electronic Nose Based on Gas Sensor Array and Neural Network for Indoor Hydrogen Gas Control System</i>
Aulia, Virdha	2C.2	277	<i>Gamification: A Comprehensive Review of Literature</i>
Ayuningsih, Tri	2A.10	210	<i>Feasibility Study of Artificial Intelligence Technology for Home Video Surveillance System</i>

B

Bako, Daffa	1A.5	25	<i>Perceived Value Model Analysis on Video Games Cosmetics Purchase and Continued Use Intention</i>
Budhianto, Nadya	2B.6	244	<i>User Experience Evaluation of Surabaya's Freeletics Community Information System Using User Experience Questionnaire (UEQ)</i>
Budiman, Ridwan	2C.7	306	<i>Knowledge Management Strategy in Indonesia Startup Company: Case Study in PT XYZ</i>

C

Chandra, Albert	2C.3	283	<i>Evaluation User Acceptance of Mobile Virtual Reality Application for English Learning</i>
Christian, Maxwell	2B.3	228	<i>A Study of Computer Aided Tools for Evaluation of Text in English as a Foreign Language</i>
D			
Da'wan Salim Ubaidah, Ibnu	2A.8	198	<i>Classification of Glaucoma in Fundus Images Using Convolutional Neural Network With MobileNet Architecture</i>
Dewanta, Favian	2E.2	392	<i>A Comparative Method for Securing Internet of Things (IoT) Devices: AES Vs SIMON-SPECK Encryptions</i>
E			
Effendy, Vina	2C.1	272	<i>Measurement of Employee Information Security Awareness on Data Security: A Case Study at XYZ Polytechnic</i>
Endrastaty, Azizah	1D.2	112	<i>Critical Success Factors of Knowledge Management Implementation in BPKP</i>
F			
Fadhurrahman, Muhammad	2D.7	364	<i>Peat Depth Prediction System Using Long-Term MODIS Data and Random Forest Algorithm: A Case Study in Pulang Pisau, Kalimantan</i>
Fahrudin, Tora	2D.3	342	<i>Heart Diagnose Application Using Bagging Algorithm</i>
Fajri, Bayu	2B.8	255	<i>Scientometric Analysis in the Field of Big Data and Artificial Intelligence in Industry</i>
Fany, Andi	2A.9	204	<i>Biometric Verification Based on ECG Signal Using 1 Dimensional Convolutional Neural Network</i>
Faris Ruriawan, Muhammad	2E.8	425	<i>Implementation of Blockchain for Digital Document Data Collection Website</i>
Farisi, Riswanda	2D.8	370	<i>The Effect of Anthropomorphic Design Cues on Increasing Chatbot Empathy</i>
Fatmi, Yulia	1C.3	85	<i>In Image Classification of Skin Cancer Sufferers: Modification of K-Nearest Neighbor With Histogram of Oriented Gradients Approach</i>
Fauzi, Hilman	1C.5	96	<i>Spatial Selection Configuration on EEG Stroke Signal</i>
Fauzi, Rokhman	1D.3	118	<i>The Establishment of Organizational Culture in Multinational Cellular Telecommunication Companies</i>
Febrianti, Fatma	1A.3	13	<i>COGS Report Customization Design for Profitability Analysis With ABAP List Viewer: Case Study of a Telecommunication Enterprise</i>

Febriantono, M.	1B.6	67	<i>Visualization Analysis and Trends in Indonesian Internet of Things Research Using Bibliometrics</i>
	2B.8	255	<i>Scientometric Analysis in the Field of Big Data and Artificial Intelligence in Industry</i>
Febriyani, Widia	2C.4	289	<i>Design of IT Governance Based on Cobit 2019: A Case Study of XYZ Education Foundation</i>
Februariyanti, Herny	2D.4	347	<i>A New Color-Based Instrument Model for Basic Music Learning</i>
Ferdiana, Ridi	2B.5	238	<i>Software Practices for Agile Developers: A Systematic Literature Review</i>
	2D.8	370	<i>The Effect of Anthropomorphic Design Cues on Increasing Chatbot Empathy</i>
Firdaus, Muhamad	1C.5	96	<i>Spatial Selection Configuration on EEG Stroke Signal</i>
Fuadah, Yunendah	1C.5	96	<i>Spatial Selection Configuration on EEG Stroke Signal</i>
	2A.7	193	<i>ECG Signal Processing Using 1-D Convolutional Neural Network for Congestive Heart Failure Identification</i>
	2A.8	198	<i>Classification of Glaucoma in Fundus Images Using Convolutional Neural Network With MobileNet Architecture</i>
	2A.9	204	<i>Biometric Verification Based on ECG Signal Using 1 Dimensional Convolutional Neural Network</i>

G

Gaol, Ford	2D.9	376	<i>Recommender System Using Transformer Model: A Systematic Literature Review</i>
Goretti, Elena	1E.4	150	<i>Kampusku: Information Portal Mobile Application Design of Private Universities in Indonesia</i>
Gui, Anderes	2C.10	324	<i>Factors Affecting the Success of Information Technology Projects</i>
Gunawan, Fandi	1A.1	1	<i>Exploring Critical Success Factors for Enterprise Resource Planning Implementation: A Telecommunication Company Viewpoint</i>
Gustirani, Anastassya	2B.1	216	<i>Cost Driver Mapping for Budget Allocation Reporting in SAP FI-CO</i>

H

Hadi Putra, Panca	1A.1	1	<i>Exploring Critical Success Factors for Enterprise Resource Planning Implementation: A Telecommunication Company Viewpoint</i>
-------------------	------	---	--

Haikal Frasanta, Muhammad Akbar	2D.3	342	<i>Heart Diagnose Application Using Bagging Algorithm</i>
Hamim, Miftahul	2B.8	255	<i>Scientometric Analysis in the Field of Big Data and Artificial Intelligence in Industry</i>
Hapsari, Anggit	1C.5	96	<i>Spatial Selection Configuration on EEG Stroke Signal</i>
Harlian, Timothy	2E.8	425	<i>Implementation of Blockchain for Digital Document Data Collection Website</i>
Harris, Christopher	1B.5	61	<i>Detecting Fake Yelp Reviews Using a Positional LSTM / K-L Divergence Ensemble Approach</i>
Hendry, Jans	1C.6	102	<i>Piezoelectric-Based Battery Charging on Multirotor Drone for Modern Farming: A Concept Model</i>
Heryadi, Heri	1D.5	129	<i>Implementation of Virtual Organization in a Global Distributed Company: A Case Study</i>
Hibatulah, Rizky	1B.2	43	<i>Prediction of Microbial Population in Meat Using Electronic Nose and Support Vector Regression Algorithm</i>
Hidayanto, Achmad	2C.9	318	<i>Measurement of Employee Information Security Awareness: A Case Study at an Indonesian Correctional Institution</i>
Hidayat, Deden	1E.5	156	<i>A Systematic Literature Review of Knowledge Management Models for E-Learning</i>
Hostiadi, Dandy	2E.1	386	<i>Analyzing Machine Learning-Based Feature Selection for Botnet Detection</i>
Huda, Andri	1C.6	102	<i>Piezoelectric-Based Battery Charging on Multirotor Drone for Modern Farming: A Concept Model</i>

I

Ibrahim, Maurice	1A.4	19	<i>The Effect of Personal Innovativeness and Trust in Online Lending Platforms to Adoption of Indonesian Sharia FinTech Lending</i>
Ibrahim, Nur	2D.10	382	<i>Classification of Nutrition Deficiency in Rice Plant Using Convolutional Neural Network</i>
Ijtihadie, Royyana	1A.2	7	<i>A Survey on Logging in Distributed System</i>
Ikhsan, Muhammad	2B.4	233	<i>Information System Analysis and Design for Mobile-Based HoMain Applications</i>
Inayah, Suci	1A.1	1	<i>Exploring Critical Success Factors for Enterprise Resource Planning Implementation: A Telecommunication Company Viewpoint</i>
Indra Sensuse,	1D.2	112	<i>Critical Success Factors of Knowledge Management</i>

Dana			<i>Implementation in BPKP</i>
	1E.5	156	<i>A Systematic Literature Review of Knowledge Management Models for E-Learning</i>
	2C.7	306	<i>Knowledge Management Strategy in Indonesia Startup Company: Case Study in PT XYZ</i>
Insap Santosa, Paulus	2B.5	238	<i>Software Practices for Agile Developers: A Systematic Literature Review</i>
	2C.3	283	<i>Evaluation User Acceptance of Mobile Virtual Reality Application for English Learning</i>
Irsyadi, Fakhri	1C.6	102	<i>Piezoelectric-Based Battery Charging on Multicopter Drone for Modern Farming: A Concept Model</i>
Ismail, Mohd Nazri	2B.10	267	<i>A Survey: Readiness of Malaysian Higher Education Institutes Towards the Adaptations of Industry Revolution 4.0</i>
	2E.7	421	<i>Investigation of the Impact of Routing Protocol in Green IoT With Netsim</i>
	2E.10	437	<i>An Investigation on the Impact of Energy Harvesting in Green IoT With Netsims</i>
Ismail, Nordinah	2E.3	397	<i>Scalable Off-Chain Blockchain for Vehicular Network</i>
Ismail Kamil, Mohammad Farizshah	1C.2	79	<i>Prediction of Breed Lineage for Small Ruminant Production Using Deep Learning Technique</i>

J

Jasmi, Muhamad Fairuz Ahmad	2C.10	324	<i>Factors Affecting the Success of Information Technology Projects</i>
Juniawan, Muhammad	1A.1	1	<i>Exploring Critical Success Factors for Enterprise Resource Planning Implementation: A Telecommunication Company Viewpoint</i>
Jusoh, Shokri	1C.2	79	<i>Prediction of Breed Lineage for Small Ruminant Production Using Deep Learning Technique</i>
Justin, Justin	2C.10	324	<i>Factors Affecting the Success of Information Technology Projects</i>

K

Karatas Baydogmus, Gozde	2A.1	161	<i>Probability Selection for Solving Sudoku With Ant Colony Optimization Algorithm</i>
	2A.2	166	<i>A Parallelization Based Ant Colony Optimization for Travelling Salesman Problem</i>

Kusumasari, Tien	2C.4	289	<i>Design of IT Governance Based on Cobit 2019: A Case Study of XYZ Education Foundation</i>
Kusumawati, Tri ika	1E.2	140	<i>Mobile Augmented Reality Serious Game Design Based on Bloom's Taxonomy</i>
Kusumawati, Yudhistya	1E.3	145	<i>Artlution: Architecture Design of Mobile Apps for Artblock Problems</i>
	1E.4	150	<i>Kampusku: Information Portal Mobile Application Design of Private Universities in Indonesia</i>

L

Lakarani, Muhammad Fadhil	2E.7	421	<i>Investigation of the Impact of Routing Protocol in Green IoT With Netsim</i>
Lanure, Mutmainnah	1A.6	31	<i>Assessment of IT Maturity Level and Roadmap Preparation for Improving Governance Based on COBIT 5 (Case Study: XYZ Company)</i>
Lase, Yuyun	1C.3	85	<i>In Image Classification of Skin Cancer Sufferers: Modification of K-Nearest Neighbor With Histogram of Oriented Gradients Approach</i>
Lubis, Arif Ridho	1C.3	85	<i>In Image Classification of Skin Cancer Sufferers: Modification of K-Nearest Neighbor With Histogram of Oriented Gradients Approach</i>
	1D.1	106	<i>Sentiment Analysis on Online Learning During the Covid-19 Pandemic Based on Opinions on Twitter Using KNN Method</i>
	1D.3	118	<i>The Establishment of Organizational Culture in Multinational Cellular Telecommunication Companies</i>
Lubis, Muharman	1A.6	31	<i>Assessment of IT Maturity Level and Roadmap Preparation for Improving Governance Based on COBIT 5 (Case Study: XYZ Company)</i>
	1D.1	106	<i>Sentiment Analysis on Online Learning During the Covid-19 Pandemic Based on Opinions on Twitter Using KNN Method</i>
	1D.3	118	<i>The Establishment of Organizational Culture in Multinational Cellular Telecommunication Companies</i>
	2C.6	301	<i>Information Technology Governance at Rachmi Dewi Gresik Hospital Using the Cobit 5 Framework</i>

M

Magdalena, Rita	2A.7	193	<i>ECG Signal Processing Using 1-D Convolutional Neural</i>
-----------------	------	-----	---

			<i>Network for Congestive Heart Failure Identification</i>
	2A.8	198	<i>Classification of Glaucoma in Fundus Images Using Convolutional Neural Network With MobileNet Architecture</i>
Manova, Rd. Yovi	2E.4	403	<i>Comparative Analysis of Quality of Service and Performance of MPLS, EoIP and SD-WAN</i>
Maulana, Fairuz	1B.6	67	<i>Visualization Analysis and Trends in Indonesian Internet of Things Research Using Bibliometrics</i>
	2B.8	255	<i>Scientometric Analysis in the Field of Big Data and Artificial Intelligence in Industry</i>
Maulana, Furqan	1A.6	31	<i>Assessment of IT Maturity Level and Roadmap Preparation for Improving Governance Based on COBIT 5 (Case Study: XYZ Company)</i>
Mohd Isa, Mohd Rizal	1C.2	79	<i>Prediction of Breed Lineage for Small Ruminant Production Using Deep Learning Technique</i>
	2B.10	267	<i>A Survey: Readiness of Malaysian Higher Education Institutes Towards the Adaptations of Industry Revolution 4.0</i>
Mujiono, Totok	2A.6	187	<i>Electronic Nose Based on Gas Sensor Array and Neural Network for Indoor Hydrogen Gas Control System</i>
Mustafa, Mohd Azmi	2B.10	267	<i>A Survey: Readiness of Malaysian Higher Education Institutes Towards the Adaptations of Industry Revolution 4.0</i>

N

Nadlifatin, Reny	2C.2	277	<i>Gamification: A Comprehensive Review of Literature</i>
Nafi'iyah, Nur	2A.4	176	<i>Identification of Human Stress Based on EEG Signals Using Machine Learning</i>
Nasution, Bahrul	1B.1	37	<i>Regional Economy Condition in Indonesia During COVID-19 Pandemic: An Analysis Using Teaching Learning-Based Fuzzy Geodemographic Clustering</i>
Nasution, Muhammad Ikhwan	2D.10	382	<i>Classification of Nutrition Deficiency in Rice Plant Using Convolutional Neural Network</i>
Natali, Yus	2E.5	409	<i>Design of Millimeter-Wave Based Radio Over Fiber for 5G Application</i>
Nor Azliana Akmal, Jamaludin	1C.2	79	<i>Prediction of Breed Lineage for Small Ruminant Production Using Deep Learning Technique</i>

Nudin, Salamun	1B.3	49	<i>Impact of Soft Skills Competencies to Predict Graduates Getting Jobs Using Random Forest Algorithm</i>
Nugroho, Heru	2D.3	342	<i>Heart Diagnose Application Using Bagging Algorithm</i>
Nugroho, Lukito	2C.3	283	<i>Evaluation User Acceptance of Mobile Virtual Reality Application for English Learning</i>
Nugroho, Okvi	1D.1	106	<i>Sentiment Analysis on Online Learning During the Covid-19 Pandemic Based on Opinions on Twitter Using KNN Method</i>
Nugroho, Salsabila	2E.5	409	<i>Design of Millimeter-Wave Based Radio Over Fiber for 5G Application</i>
Nuha, Hilal	2E.2	392	<i>A Comparative Method for Securing Internet of Things (IoT) Devices: AES Vs SIMON-SPECK Encryptions</i>
Nuraini, Wiwin	2C.1	272	<i>Measurement of Employee Information Security Awareness on Data Security: A Case Study at XYZ Polytechnic</i>
Nurmanah, Nurma	2E.4	403	<i>Comparative Analysis of Quality of Service and Performance of MPLS, EoIP and SD-WAN</i>
Nurraharjo, Eddy	2D.4	347	<i>A New Color-Based Instrument Model for Basic Music Learning</i>
Nyoto, Rebecca	2D.5	352	<i>Infiltration Wells Program in Jakarta: Twitter Sentiment Analysis</i>

O

Oktavia, Deva	2D.10	382	<i>Classification of Nutrition Deficiency in Rice Plant Using Convolutional Neural Network</i>
Ongowarsito, Henkie	1A.5	25	<i>Perceived Value Model Analysis on Video Games Cosmetics Purchase and Continued Use Intention</i>
	2B.4	233	<i>Information System Analysis and Design for Mobile-Based HoMain Applications</i>
Ooi, Chia Yee	2E.3	397	<i>Scalable Off-Chain Blockchain for Vehicular Network</i>

P

Palit, Henry	2D.1	330	<i>Performance Analysis of a Parallel Genetic Algorithm: A Case Study of the Traveling Salesman Problem</i>
Pamungkas, Yuri	1B.4	55	<i>Iris Grid Image Classification Using Naïve Bayes for Human Biometric System</i>
	2A.5	181	<i>EEG-Based Statistical Analysis on Determining the Stress Mental State on Police Personnel</i>
Pangestu, Gusti	1B.6	67	<i>Visualization Analysis and Trends in Indonesian Internet of Things Research Using Bibliometrics</i>

Parahita, Anggraini	1D.5	129	<i>Implementation of Virtual Organization in a Global Distributed Company: A Case Study</i>
Pohan, Husni	2D.9	376	<i>Recommender System Using Transformer Model: A Systematic Literature Review</i>
Prakoso, Bagus	2D.4	347	<i>A New Color-Based Instrument Model for Basic Music Learning</i>
Pramono, Andi	1E.3	145	<i>Artlution: Architecture Design of Mobile Apps for Artblock Problems</i>
Pramudita, Okky	2B.9	261	<i>SMEs' Adoption of Social Media Consulting During COVID-19 Pandemic</i>
Pramudito, Muhammad	2A.7	193	<i>ECG Signal Processing Using 1-D Convolutional Neural Network for Congestive Heart Failure Identification</i>
Adnan	2A.9	204	<i>Biometric Verification Based on ECG Signal Using 1 Dimensional Convolutional Neural Network</i>
Prasetyaningrum, Putri	2B.2	222	<i>Gamification on Mobile Banking Application: A Literature Review</i>
Prasetyaningrum, Putri Taqwa	2C.3	283	<i>Evaluation User Acceptance of Mobile Virtual Reality Application for English Learning</i>
Prasetyaningtyas, Sekar	1D.4	124	<i>Digital Transformation in Vocational High School: A Soft System Approach</i>
Prasetyo, Rahardian	2E.6	415	<i>Study on Periodogram and Correlogram-Based Spectrum Sensing Implementation on GNU Radio</i>
Prastiti, Rizdiani	1A.1	1	<i>Exploring Critical Success Factors for Enterprise Resource Planning Implementation: A Telecommunication Company Viewpoint</i>
Pratama, Giyan	2A.9	204	<i>Biometric Verification Based on ECG Signal Using 1 Dimensional Convolutional Neural Network</i>
Pratama, Irfan	2C.3	283	<i>Evaluation User Acceptance of Mobile Virtual Reality Application for English Learning</i>
Pratiwi, Nor	2D.10	382	<i>Classification of Nutrition Deficiency in Rice Plant Using Convolutional Neural Network</i>
Pratomo, Alexander	2D.1	330	<i>Performance Analysis of a Parallel Genetic Algorithm: A Case Study of the Traveling Salesman Problem</i>
Prayogo, Doddy	2D.1	330	<i>Performance Analysis of a Parallel Genetic Algorithm: A Case Study of the Traveling Salesman Problem</i>
Prayudani, Santi	1C.3	85	<i>In Image Classification of Skin Cancer Sufferers: Modification of K-Nearest Neighbor With Histogram of Oriented Gradients Approach</i>

	1D.1	106	<i>Sentiment Analysis on Online Learning During the Covid-19 Pandemic Based on Opinions on Twitter Using KNN Method</i>
Prinanto, Arsy	1C.1	73	<i>Diagnostics of Magnetron Transmitter System Using Thermal Camera and Neural Network</i>
Priyo Atmojo, Yohanes	2D.6	358	<i>Performance Analysis of the Triple Exponential Smoothing Method During the Covid19 Pandemic on Tourist Visit Data</i>
Purnomo, Mauridhi	1E.2	140	<i>Mobile Augmented Reality Serious Game Design Based on Bloom's Taxonomy</i>
Purwanto, Djoko	2D.2	336	<i>Design of 3D LiDAR Combined With Neural Network for Object Classification</i>
Purwanto, Purwanto	2B.2	222	<i>Gamification on Mobile Banking Application: A Literature Review</i>
Purwanto, Yudha	2E.8	425	<i>Implementation of Blockchain for Digital Document Data Collection Website</i>
Puspitasari, Warih	1A.3	13	<i>COGS Report Customization Design for Profitability Analysis With ABAP List Viewer: Case Study of a Telecommunication Enterprise</i>
	2B.1	216	<i>Cost Driver Mapping for Budget Allocation Reporting in SAP FI-CO</i>
Putra, Agustinus	1D.5	129	<i>Implementation of Virtual Organization in a Global Distributed Company: A Case Study</i>
Putra, Muhammad	2C.5	295	<i>Issues and Challenges of the Data Analytics Development Project in the Center of Information System and Financial Technology</i>
Putri Srinadi, Ni Luh	2D.6	358	<i>Performance Analysis of the Triple Exponential Smoothing Method During the Covid19 Pandemic on Tourist Visit Data</i>

R

Rachmawati, Sajidah	2C.6	301	<i>Information Technology Governance at Rachmi Dewi Gresik Hospital Using the Cobit 5 Framework</i>
Raharjo, Teguh	2C.5	295	<i>Issues and Challenges of the Data Analytics Development Project in the Center of Information System and Financial Technology</i>
	2C.8	312	<i>Comparison of Scrum Maturity Between Internal and External Software Development: A Case Study at One of the State-Owned Banks in Indonesia</i>
Rahman Wijaya, Dedy	1B.2	43	<i>Prediction of Microbial Population in Meat Using Electronic Nose and Support Vector Regression Algorithm</i>

	2D.3	342	<i>Heart Diagnose Application Using Bagging Algorithm</i>
Rahmatika, Vien	2C.1	272	<i>Measurement of Employee Information Security Awareness on Data Security: A Case Study at XYZ Polytechnic</i>
Ramadhan, Wildan	1A.5	25	<i>Perceived Value Model Analysis on Video Games Cosmetics Purchase and Continued Use Intention</i>
Ramadhani, Mirza	2B.6	244	<i>User Experience Evaluation of Surabaya's Freeletics Community Information System Using User Experience Questionnaire (UEQ)</i>
Ramli, Ilham	1E.1	135	<i>The Effect of Addiction, Perceived Values and Mobile Game Loyalty on Purchase Intention in Mobile Legends in Indonesia</i>
Rawi, Roziyani	2B.10	267	<i>A Survey: Readiness of Malaysian Higher Education Institutes Towards the Adaptations of Industry Revolution 4.0</i>
Rifa'i, Muhammad	2C.1	272	<i>Measurement of Employee Information Security Awareness on Data Security: A Case Study at XYZ Polytechnic</i>
Rifai, Anwar	1E.2	140	<i>Mobile Augmented Reality Serious Game Design Based on Bloom's Taxonomy</i>
Rivai, Muhammad	1C.1	73	<i>Diagnostics of Magnetron Transmitter System Using Thermal Camera and Neural Network</i>
	2A.6	187	<i>Electronic Nose Based on Gas Sensor Array and Neural Network for Indoor Hydrogen Gas Control System</i>
	2D.2	336	<i>Design of 3D LiDAR Combined With Neural Network for Object Classification</i>
Rizal, Achmad	2A.7	193	<i>ECG Signal Processing Using 1-D Convolutional Neural Network for Congestive Heart Failure Identification</i>
	2A.9	204	<i>Biometric Verification Based on ECG Signal Using 1 Dimensional Convolutional Neural Network</i>
Rizal, Syamsul	2A.9	204	<i>Biometric Verification Based on ECG Signal Using 1 Dimensional Convolutional Neural Network</i>
	2D.10	382	<i>Classification of Nutrition Deficiency in Rice Plant Using Convolutional Neural Network</i>
Rochim, Adian	2B.2	222	<i>Gamification on Mobile Banking Application: A Literature Review</i>
Romadhon, Muh Syaiful	1E.5	156	<i>A Systematic Literature Review of Knowledge Management Models for E-Learning</i>
Rosidin, Rifqi	2C.6	301	<i>Information Technology Governance at Rachmi Dewi Gresik Hospital Using the Cobit 5 Framework</i>

Rosihan, Rosihan	2C.9	318	<i>Measurement of Employee Information Security Awareness: A Case Study at an Indonesian Correctional Institution</i>
Rosyid, Nur	1C.6	102	<i>Piezoelectric-Based Battery Charging on Multicopter Drone for Modern Farming: A Concept Model</i>
Ruchiyat, Farrel	2B.4	233	<i>Information System Analysis and Design for Mobile-Based HoMain Applications</i>
Ruldeviyani, Yova	2C.1	272	<i>Measurement of Employee Information Security Awareness on Data Security: A Case Study at XYZ Polytechnic</i>
	2D.5	352	<i>Infiltration Wells Program in Jakarta: Twitter Sentiment Analysis</i>

S

Sa'idah, Sofia	2A.8	198	<i>Classification of Glaucoma in Fundus Images Using Convolutional Neural Network With MobileNet Architecture</i>
Safitri, Nadya	1E.5	156	<i>A Systematic Literature Review of Knowledge Management Models for E-Learning</i>
	2C.7	306	<i>Knowledge Management Strategy in Indonesia Startup Company: Case Study in PT XYZ</i>
Safitri, Winda	2E.1	386	<i>Analyzing Machine Learning-Based Feature Selection for Botnet Detection</i>
Sagala, Yosua	2C.1	272	<i>Measurement of Employee Information Security Awareness on Data Security: A Case Study at XYZ Polytechnic</i>
Sanny, Lim	1E.1	135	<i>The Effect of Addiction, Perceived Values and Mobile Game Loyalty on Purchase Intention in Mobile Legends in Indonesia</i>
Santoso, Daffa Albaihaqi	2B.4	233	<i>Information System Analysis and Design for Mobile-Based HoMain Applications</i>
Saputra, Muhardi	1A.3	13	<i>COGS Report Customization Design for Profitability Analysis With ABAP List Viewer: Case Study of a Telecommunication Enterprise</i>
	2B.1	216	<i>Cost Driver Mapping for Budget Allocation Reporting in SAP FI-CO</i>
Saputra, Nophaz	2A.4	176	<i>Identification of Human Stress Based on EEG Signals Using Machine Learning</i>
	2A.5	181	<i>EEG-Based Statistical Analysis on Determining the Stress Mental State on Police Personnel</i>
Saputro, Adhi	2D.7	364	<i>Peat Depth Prediction System Using Long-Term MODIS Data and Random Forest Algorithm: A Case Study in</i>

Sathyabalan, Malini	2B.3	228	<i>A Study of Computer Aided Tools for Evaluation of Text in English as a Foreign Language</i>
Satrya Ananta, Gregorius	1E.3	145	<i>Artlution: Architecture Design of Mobile Apps for Artblock Problems</i>
Savitri, Galuh	2B.9	261	<i>SMEs' Adoption of Social Media Consulting During COVID-19 Pandemic</i>
Schmidt, Antonius	2E.9	431	<i>Application of Inventive Design Methodology for a Sensor Fusion Approach in Structure-From-Motion (SfM) Applications</i>
Setiawan, Rachmad	1C.1	73	<i>Diagnostics of Magnetron Transmitter System Using Thermal Camera and Neural Network</i>
Shaharudin, Muhammad Shabir	2C.10	324	<i>Factors Affecting the Success of Information Technology Projects</i>
Shahudin, Faizah	2C.10	324	<i>Factors Affecting the Success of Information Technology Projects</i>
Shapiai, Ibrahim	1C.5	96	<i>Spatial Selection Configuration on EEG Stroke Signal</i>
Shihab, Muhammad Rifki	1D.5	129	<i>Implementation of Virtual Organization in a Global Distributed Company: A Case Study</i>
Sidharta, Sidharta	2B.6	244	<i>User Experience Evaluation of Surabaya's Freeletics Community Information System Using User Experience Questionnaire (UEQ)</i>
Silalahi, Swardiantara	1A.2	7	<i>A Survey on Logging in Distributed System</i>
Simanjuntak, Richard	2A.8	198	<i>Classification of Glaucoma in Fundus Images Using Convolutional Neural Network With MobileNet Architecture</i>
Simanungkalit, Tiarma	2C.8	312	<i>Comparison of Scrum Maturity Between Internal and External Software Development: A Case Study at One of the State-Owned Banks in Indonesia</i>
Siregar, Sri	1B.1	37	<i>Regional Economy Condition in Indonesia During COVID-19 Pandemic: An Analysis Using Teaching Learning-Based Fuzzy Geodemographic Clustering</i>
Soewito, Benfano	2D.9	376	<i>Recommender System Using Transformer Model: A Systematic Literature Review</i>
Spits Warnars, Harco Leslie	2D.9	376	<i>Recommender System Using Transformer Model: A Systematic Literature Review</i>

Hendric			
Studiawan, Hudan	1A.2	7	<i>A Survey on Logging in Distributed System</i>
Subekti, Ilham	1C.6	102	<i>Piezoelectric-Based Battery Charging on Multirotor Drone for Modern Farming: A Concept Model</i>
Subriadi, Apol	2C.2	277	<i>Gamification: A Comprehensive Review of Literature</i>
Suchaad, Saravid	2E.3	397	<i>Scalable Off-Chain Blockchain for Vehicular Network</i>
Sudama, Kadek Ari	2A.6	187	<i>Electronic Nose Based on Gas Sensor Array and Neural Network for Indoor Hydrogen Gas Control System</i>
Sugiarto, Indar	2D.1	330	<i>Performance Analysis of a Parallel Genetic Algorithm: A Case Study of the Traveling Salesman Problem</i>
Suhendar, Agung	2A.10	210	<i>Feasibility Study of Artificial Intelligence Technology for Home Video Surveillance System</i>
Sukmadirana, Edi	2E.4	403	<i>Comparative Analysis of Quality of Service and Performance of MPLS, EoIP and SD-WAN</i>
Sulistiani, Ita	2A.3	170	<i>Breast Cancer Prediction Using Random Forest and Gaussian Naïve Bayes Algorithms</i>
Sulistyo Rini, Erma	2D.6	358	<i>Performance Analysis of the Triple Exponential Smoothing Method During the Covid19 Pandemic on Tourist Visit Data</i>
Sulistyowati, Ira	2C.5	295	<i>Issues and Challenges of the Data Analytics Development Project in the Center of Information System and Financial Technology</i>
Suradarma, Ida Bagus	2D.6	358	<i>Performance Analysis of the Triple Exponential Smoothing Method During the Covid19 Pandemic on Tourist Visit Data</i>
Suria, Ozzi	2C.3	283	<i>Evaluation User Acceptance of Mobile Virtual Reality Application for English Learning</i>
Susila, I Made	2D.6	358	<i>Performance Analysis of the Triple Exponential Smoothing Method During the Covid19 Pandemic on Tourist Visit Data</i>
Suyanto, Suyanto	2A.10	210	<i>Feasibility Study of Artificial Intelligence Technology for Home Video Surveillance System</i>
Syalomta, Nathaniel	2D.10	382	<i>Classification of Nutrition Deficiency in Rice Plant Using Convolutional Neural Network</i>

T

Taliningsih, Fauzi	2A.7	193	<i>ECG Signal Processing Using 1-D Convolutional Neural Network for Congestive Heart Failure Identification</i>
	2A.9	204	<i>Biometric Verification Based on ECG Signal Using 1 Dimensional Convolutional Neural Network</i>
Triwibisono,	1D.3	118	<i>The Establishment of Organizational Culture in</i>

U

Utami, Indah 2D.10 382 *Classification of Nutrition Deficiency in Rice Plant Using Convolutional Neural Network*

Utomo, Mardi 2D.4 347 *A New Color-Based Instrument Model for Basic Music Learning*

W

Wahid, Fifeka 1D.5 129 *Implementation of Virtual Organization in a Global Distributed Company: A Case Study*

Warsito, Budi 1B.3 49 *Impact of Soft Skills Competencies to Predict Graduates Getting Jobs Using Random Forest Algorithm*

Wibawa, Adhi 1B.4 55 *Iris Grid Image Classification Using Naïve Bayes for Human Biometric System*

2A.5 181 *EEG-Based Statistical Analysis on Determining the Stress Mental State on Police Personnel*

Wibowo, Adi 1B.3 49 *Impact of Soft Skills Competencies to Predict Graduates Getting Jobs Using Random Forest Algorithm*

Wibowo, Sigit 2E.6 415 *Study on Periodogram and Correlogram-Based Spectrum Sensing Implementation on GNU Radio*

Widartha, Vandha 1B.6 67 *Visualization Analysis and Trends in Indonesian Internet of Things Research Using Bibliometrics*

Widita, Anindya 1E.4 150 *Kampusku: Information Portal Mobile Application Design of Private Universities in Indonesia*

Widodo, Widodo 2A.3 170 *Breast Cancer Prediction Using Random Forest and Gaussian Naïve Bayes Algorithms*

Wijayanto, Riko 2C.5 295 *Issues and Challenges of the Data Analytics Development Project in the Center of Information System and Financial Technology*

Wikusna, Wawa 1B.2 43 *Prediction of Microbial Population in Meat Using Electronic Nose and Support Vector Regression Algorithm*

Winata, Nico 1A.5 25 *Perceived Value Model Analysis on Video Games Cosmetics Purchase and Continued Use Intention*

Wirani, Yekti 1A.4 19 *The Effect of Personal Innovativeness and Trust in Online Lending Platforms to Adoption of Indonesian Sharia FinTech Lending*

Wiratama, Abel 2A.8 198 *Classification of Glaucoma in Fundus Images Using Convolutional Neural Network With MobileNet Architecture*

Y

Yuningsih, Lilis	2D.6	358	<i>Performance Analysis of the Triple Exponential Smoothing Method During the Covid19 Pandemic on Tourist Visit Data</i>
Yustiarini, Baiq	2E.2	392	<i>A Comparative Method for Securing Internet of Things (IoT) Devices: AES Vs SIMON-SPECK Encryptions</i>

Z

Zainal Abidin, Mohamad Hafizat	2E.3	397	<i>Scalable Off-Chain Blockchain for Vehicular Network</i>
Zelfia, Hidayatul	2C.8	312	<i>Comparison of Scrum Maturity Between Internal and External Software Development: A Case Study at One of the State-Owned Banks in Indonesia</i>
Zhafrani, Mohamad	1D.5	129	<i>Implementation of Virtual Organization in a Global Distributed Company: A Case Study</i>