

Jurnal Kecerdasan Buatan dan Teknologi Informasi

Vol. 3 No. 2 Mei 2024

E-ISSN : 2964-2922

P-ISSN : 2963-6191

Publisher :

Ninety Media Publisher

Perumahan Green Asia Blok i2-04, Desa Bagik Polak Kec. Labuapi Kab. Lombok Barat

Email : journal.jkbt@gmail.com | redaksi@ninetyjournal.com

Web : <https://ojs.ninetyjournal.com/index.php/JKBTI>

Editor In Chief : **Bahtiar Imran, S.ST., M.TI**
Ninety Media Publisher, Indonesia
Scopus ID : [57198810908](#)
Google Scholar : [wTJeluMAAAAJ&hl](#)

Editorial Board : **Muhammad Rijal Alfian, M.Sc**
Universitas Mataram, Indonesia
Scopus ID : [57224909278](#)
Google Scholar : [I7WoVYgAAAAJ&hl](#)

Muhammad Zohri, M.Sc
Universitas Islam Negeri Mataram, Indonesia
Scopus ID : [57195196101](#)
Google Scholar : [g_6o-C0AAAAJ&hl](#)

Abdurrahman Salim
Politeknik Negeri Jember, Indonesia
Scopus ID : [57205074896](#)
Google Scholar : [BZII9wAAAAJ](#)

Hasan Basri, M.Kom
Institut Teknologi dan Bisnis Bank Rakyat Indonesia, Indonesia
Scopus ID : [6728496](#)
Google Scholar : [8y_jO8AAAAJ](#)

Hengki Mangiring Parulian Simarmata
Politeknik Bisnis Indonesia, Indonesia
Scopus ID : [57215917254](#)
Google Scholar : [Zfok8KkAAAAJ&hl](#)

Alfry Aristo Jansen Sinlae, S.Kom., M.Cs.
Universitas Katolik Widya Mandira, Indonesia
Scopus ID : [57214449083](#)
Google Scholar : [FZEsgFIAAAAJ&hl](#)

**Copyediting and
Layouting** : **Zumratul Muahidin, M.Kom**
STMIK Mataram, Indonesia

Muh. Nasirudin Karim, M.Kom
Universitas Teknologi Mataram, Indonesia

Reviewer : **Erfan Wahyudi, M.Kom**
Institut Pemerintahan Dalam Negeri, Indonesia
Scopus ID : [57223239999](#)
Google Scholar : [8n2TakEAAAAJ&hl](#)

Mohammad Rezza Fahlevvi, M.Cs.
Institut Pemerintahan Dalam Negeri, Indonesia
Scopus ID : [6789124](#)
Google Scholar : [7FEEqnkAAAAJ](#)

Agung Nugroho, S.Kom., M.Kom
Universitas Pelita Bangsa, Indonesia
Scopus ID : [60511](#)
Google Scholar : [g_6o-C0AAAAJ&hl](#)

Deasy Wahyuni, M.Si
STMIK Dumai, Indonesia
Scopus ID : [6653835](#)
Google Scholar : [GxkZZzAAAAAJ&hl](#)

Toni Kusnandar, M.T
STMIK Mardira Indonesia, Indonesia
Scopus ID : [55869376800](#)
Google Scholar : [oX9x20AAAAAJ](#)

Heliza Rahmania Hatta
Universitas Mulawarman, Indonesia
Scopus ID : [56596337500](#)
Google Scholar : [v0l3rv4AAAAJ](#)

Gerson Feoh, S.Kom., M.T
Universitas Mulawarman, Indonesia
Scopus ID : [56705614500](#)
Google Scholar : [YpXci5QAAAAJ&hl](#)

Wahyu Wijaya Widiyanto, M.Kom
Politeknik Indonusa Surakarta, Indonesia
Scopus ID : [57215302744](#)
Google Scholar : [NHEh0ZgAAAAJ&hl](#)

Teguh Arifianto, S.Kom., M.T
Politeknik Perkeretaapian Indonesia Madiun, Indonesia
Scopus ID : [56803840800](#)
Google Scholar : [PYmGk8AAAAAJ&hl](#)

Kelik Sussolaikah, S.Kom., M.Kom
Universitas PGRI Madiun, Indonesia
Scopus ID : [57209271915](#)
Google Scholar : [LMKUmzUAAAAJ](#)

Muhammad Takdir Muslihi, S.T., M.T.
Akademi Komunitas Industri Manufaktur Bantaeng, Indonesia
Scopus ID : [57220051083](#)
Google Scholar : [5xdPqP4AAAAJ&hl](#)

Ir. Luki Ardiantoro, MT
Universitas Islam Majapahit, Indonesia
Scopus ID : [57215536925](#)
Google Scholar : [G26wipkAAAAJ&hl](#)

Dr. Drs. Ir. Haryanto, M.Pd., M.T.

Universitas Negeri Yogyakarta, Indonesia

Scopus ID : [57216354492](#)

Google Scholar : [k4MA8XgAAAAj](#)

Suhadi, S.T., M.Kom

STMIK Bani Saleh, Indonesia

Scopus ID : [57222354373](#)

Google Scholar : [wsLGcxEAAAAJ&hl](#)

Mulia Sulistiyono, M.Kom

Universitas Amikom Yogyakarta, Indonesia

Scopus ID : [57205251851](#)

Google Scholar : [QfgZ8OkAAAAJ&hl](#)

Ir. Yulita Salim, S.Kom., M.T., MTA

Universitas Muslim Indonesia, Indonesia

Scopus ID : [57202237115](#)

Google Scholar : [0_b3rwoAAAAJ](#)

Diana Rahmawati., S.T., M.T

Universitas Trunojoyo Madura, Indonesia

Scopus ID : [57200531201](#)

Google Scholar : [ntJW3EEAAAAJ&hl](#)

Ir. N. Tri Suswanto Saptadi, S.Kom., MT., MM., IPM.

Universitas Atma Jaya Makassar, Indonesia

Scopus ID : [56087800800](#)

Google Scholar : [H-RKproAAAAJ&hl](#)

Tri Sugihartono, S.Kom., M.Kom

ISB Atma Luhur, Indonesia

Scopus ID : [57215070180](#)

Google Scholar : [UT2yMYMAAAAAJ](#)

Oman Somantri, S.Kom., M.Kom

Politeknik Negeri Cilacap, Indonesia

Scopus ID : [57208898676](#)

Google Scholar : [dH14YfkAAAAJ](#)

Moch. Syahrir, S.ST., M.Kom

Universitas Bumigora, Indonesia

Scopus ID : [57205441789](#)

Google Scholar : [fV_zOfQAAAAJ](#)

Ahmad Yani, S.Kom., M.Kom

Universitas Teknologi Mataram, Indonesia

Scopus ID : [6766164](#)

Google Scholar : [Ooa_qQgAAAAJ&hl](#)

PREFACE

Welcome to the Jurnal Kecerdasan Buatan dan Teknologi Informasi or abbreviated JKBTI. This journal, with E-ISSN : 2964-2922 and P-ISSN : 2963-6191, is published in January, May and September. The current issue, May 2024 (Vol. 3 No. 2), exemplifies our steadfast commitment to advancing knowledge in pivotal fields such as Artificial Intelligence System, Genetic Algorithms, Information Systems, Technology Management, Designing Information Systems, Data Mining, Business Intelligence, Image Processing, Database System, and Decision Support System. In this issue, we present a collection of scholarly articles that delve into cutting-edge research and innovative practices across these domains. Each contribution reflects rigorous inquiry and thoughtful exploration, aiming to address contemporary challenges and contribute to the evolving landscape of computing and information systems. We extend our gratitude to the authors, reviewers, and editorial team whose dedication has made this publication possible. Their expertise and commitment ensure that Jurnal Kecerdasan Buatan dan Teknologi Informasi remains a vital platform for disseminating impactful research and fostering intellectual discourse. We invite readers, researchers, and practitioners alike to explore the insights and findings presented in this issue, confident that they will find inspiration and knowledge that enriches their understanding and informs their practice. Thank you for your continued support and interest in Jurnal Kecerdasan Buatan dan Teknologi Informasi.

Warm regards,

Editor-in-Chief

Table of Contents

Jurnal Kecerdasan Buatan dan Teknologi Informasi

Vol. 3 No. 2, Mei 2024 | E-ISSN : 2964-2922

Title	: OPTIMASI PRODUKSI MINUMAN KEKINIAN DENGAN SMART BOTTLE DRINK MACHINE IOT DAN OTOMATISASI PENCATATAN HASIL PRODUKSI DI DESA MAYUNG KABUPATEN CIREBON	49-54
Author	: Bagus Hermawan, Nana Suarna, Raditya Danar Dana	
Title	: DETEKSI WAJAH MENGGUNAKAN HAAR CASCADE DAN FEATURE DESCRIPTOR HOG MELALUI KAMERA IP CCTV DIRUANG KELAS	55-60
Author	: Syefrida Yulina, Warnia Nengsih	
Title	: ANALISIS RISIKO KEAMANAN PADA PENGEMBANGAN PERANGKAT LUNAK BERBASIS CLOUD	61-67
Author	: Febri Pratama, Terttia Avini, Irfan Saputra, Melinda Kurnia Putri, Sultan Imamfajri	
Title	: ANALISIS SENTIMEN TERHADAP LAYANAN NASABAH BANK MENGGUNAKAN TEKNIK KLASIFIKASI NAIVE BAYES	68-74
Author	: Putri Puspa Wulan, Hasan Basri	
Title	: ANALISIS TREN PENJUALAN FASHION IMPORT MENGGUNAKAN ALGORITMA FP-GROWTH PADA TOKO AIR GAUL	75-84
Author	: Zahrudin, Ade Irma Purnamasari, Irfan Ali	
Title	: EKSPLORASI DESAIN USER INTERFACE ONLINE PUBLIC ACCESS CATALOG (OPAC) PERPUSTAKAAN BERBASIS WEBSITE DENGAN FIGMA	85-89
Author	: Andini Safitri, Tertia Avini, Sugeng	