

Jurnal Kecerdasan Buatan dan Teknologi Informasi

Vol. 3 No. 1 January 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 : [BZIII9wAAAAJ](#)
- 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 : [LMKUUmzUAAAAJ](#)

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, January 2024 (Vol. 3 No. 1), 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. 1, January 2024 | E-ISSN : 2964-2922

Title	: PENINGKATAN EVALUASI KINERJA KARYAWAN: PENGEMBANGAN SISTEM PENDUKUNG KEPUTUSAN DENGAN METODE ANALITIK HIERARCHY PROCESS - STUDI KASUS DIVISI XYZ	01-10
Author	: Priyo Agung Wicaksono, Hasan Basri, Neneng Rahmalia Feta	
Title	: PERANCANGAN SISITEM PENDUKUNG KEPUTUSAN REKOMENDASI MENU MAKANAN PADA PENDERITA DIABETES MELLITUS MENGGUNAKAN METODE SIMPLE ADDITIVE WEIGHTING	11-16
Author	: Luki Dwi Prasanti, Denny Utomo	
Title	: PERANCANGAN SISTEM INFORMASI PENGARSIPAN SURAT (SIPS) BERBASIS WEB DI KANTOR KEPOLISIAN DAERAH SULAWESI TENGGARA	17-25
Author	: Endah Sekar Lembayung, Subardin Subardin, Findryani Findryani, Safal Safal	
Title	: PENERAPAN ALGORITMA FP-GROWTH DALAM ANALISIS POLA TRANSAKSI UNTUK OPTIMALISASI PENGELOLAAN DATA TRANSAKSI DI TOKO LIA	26-36
Author	: Agita Hany Talia, Nana Suarna, Denni Pratama	
Title	: PENGELOMPOKAN SANTRI DI PONDOK AL-MA'RIFAH BERDASARKAN ASAL WILAYAH MENGGUNAKAN ALGORITMA K-MEAN CLUSTERING	37-48
Author	: Siti Nurhasanah, Nana Suarna, Denni Pratama	