

## DAFTAR PUSTAKA

- [1] I. M. S. Putra, Putu Jhonarendra, and Ni Kadek Dwi Rusjyanthi, “Deteksi Kesamaan Teks Jawaban pada Sistem Test Essay Online dengan Pendekatan Neural Network,” *Jurnal RESTI (Rekayasa Sistem dan Teknologi Informasi)*, vol. 5, no. 6, pp. 1070–1082, Dec. 2021, doi: 10.29207/resti.v5i6.3544.
- [2] Auzar, M. Sinaga, and Zulhafizh, “KUALITAS KECEPATAN MEMBACA EFEKTIF MAHASISWA SEBAGAI PERTIMBANGAN EVALUASI TINDAK LANJUTAN,” in *PROSIDING SEMINAR NASIONAL PENDIDIKAN FAKULTAS KEGURUAN DAN ILMU PENDIDIKAN UNIM*, Pekanbaru: Universitas Riau, 2022, pp. 76–83.
- [3] A. S. K. Rijal, “Studi Literatur Sistem Penilaian Esai Otomatis Pada E-Learning Dengan Algoritma Winnowing,” *Jurnal Sistem Informasi dan Ilmu Komputer*, vol. 1, no. 3, pp. 163–172, Aug. 2023.
- [4] D. O. Sihombing, “Implementasi Natural Language Processing (NLP) dan Algoritma Cosine Similarity dalam Penilaian Ujian Esai Otomatis,” *Jurnal Sistem Komputer dan Informatika (JSON)*, vol. 4, no. 2, p. 396, Dec. 2022, doi: 10.30865/json.v4i2.5374.
- [5] A. R. Lahitani, “Automated Essay Scoring menggunakan Cosine Similarity pada Penilaian Esai Multi Soal,” *Jurnal Kajian Ilmiah*, vol. 22, no. 2, pp. 107–118, May 2022, doi: 10.31599/jki.v22i2.1121.
- [6] E. L. Amalia, V. A. Lestari, V. N. Wijyaningrum, and A. A. Ridla, “Automatic essay assessment in e-learning using winnowing algorithm,” *Indonesian Journal of Electrical Engineering and Computer Science*, vol. 29, no. 1, p. 572, Jan. 2022, doi: 10.11591/ijeecs.v29.i1.pp572-582.
- [7] V. S. Sadanand, K. R. R. Guruvyas, P. P. Patil, J. Janardhan Acharya, and S. Gunakimath Suryakanth, “An automated essay evaluation system using natural language processing and sentiment analysi,” *International Journal of Electrical and Computer Engineering (IJECE)*, vol. 12, no. 6, p. 6585, Dec. 2022, doi: 10.11591/ijece.v12i6.pp6585-6593.
- [8] N. Chamidah, M. M. Santoni, H. N. Irmanda, R. Astriratma, and Y. Yulnelly, “Penilaian Esai Pendek Otomatis Berdasarkan Similaritas Semantik dengan SBERT,” *Techno.Com*, vol. 21, no. 4, pp. 732–740, Nov. 2022, doi: 10.33633/tc.v21i4.6758.
- [9] U. M. Kotha, H. Gaddam, D. R. Siddenki, and S. Saleti, “A comparison of various machine learning algorithms and execution of flask deployment on essay grading,” *International Journal of Electrical and Computer*

- Engineering (IJECE)*, vol. 13, no. 3, p. 2990, Jun. 2023, doi: 10.11591/ijece.v13i3.pp2990-2998.
- [10] C. M. Reiner, T. W. Bothell, R. R. Sudweeks, and B. Wood, “Preparing effective essay questions,” *Stillwater, Oklahoma, USA: New Forums Pres*, 2002.
- [11] C. M. Ormerod, A. Malhotra, and A. Jafari, “Automated essay scoring using efficient transformer-based language models,” Feb. 2021.
- [12] A. A. Septiandri and Y. A. Winatmoko, “UKARA 1.0 Challenge Track 1: Automatic Short-Answer Scoring in Bahasa Indonesia,” Feb. 2020.
- [13] P. br Sihotang, F. D. br Sitanggang, N. Azriansyah, and E. Indra, “PENERAPAN NATURAL LANGUAGE PROCESSING UNTUK ANALISIS SENTIMEN TERHADAP APLIKASI STREAMING,” *JURNAL ILMIAH BETRIK: Besemah Teknologi Informasi dan Komputer*, vol. 14, no. 2, pp. 273–282, Aug. 2023.
- [14] A. Rajput, “Natural language processing, sentiment analysis, and clinical analytics,” in *Innovation in health informatics*, Elsevier, 2020, pp. 79–97.
- [15] D. K. Altmemi and I. S. Alshawi, “Enhance Data Similarity Using a Fuzzy Approach,” *Journal of Positive School Psychology*, pp. 1898–1909, 2022.
- [16] T. Kudo and J. Richardson, “SentencePiece: A simple and language independent subword tokenizer and detokenizer for Neural Text Processing,” Aug. 2018.
- [17] B. Wilie *et al.*, “IndoNLU: Benchmark and Resources for Evaluating Indonesian Natural Language Understanding,” Sep. 2020.
- [18] R. Mahendra, A. F. Aji, S. Louvan, F. Rahman, and C. Vania, “IndoNLI: A Natural Language Inference Dataset for Indonesian,” in *Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing*, Stroudsburg, PA, USA: Association for Computational Linguistics, 2021, pp. 10511–10527. doi: 10.18653/v1/2021.emnlp-main.821.
- [19] A. Vaswani *et al.*, “Attention Is All You Need,” Jun. 2017.
- [20] T. Wolf *et al.*, “Huggingface’s transformers: State-of-the-art natural language processing,” *arXiv preprint arXiv:1910.03771*, 2019.
- [21] J. Devlin, M.-W. Chang, K. Lee, and K. Toutanova, “BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding,” Oct. 2018.
- [22] F. Koto, A. Rahimi, J. H. Lau, and T. Baldwin, “IndoLEM and IndoBERT: A Benchmark Dataset and Pre-trained Language Model for Indonesian NLP,” Nov. 2020.

- [23] B. Wilie *et al.*, “IndoNLU: Benchmark and Resources for Evaluating Indonesian Natural Language Understanding,” Sep. 2020.
- [24] F. AZMI, A. Saleh, and N. P. Dharshinni, “Face Identification on Login Security Using Algorithm Combination of Viola-Jones and Cosine Similarity,” *JOURNAL OF INFORMATICS AND TELECOMMUNICATION ENGINEERING*, vol. 4, no. 1, pp. 203–211, Jul. 2020, doi: 10.31289/jite.v4i1.3885.
- [25] A. Doewes, N. Kurdhi, and A. Saxena, “Evaluating quadratic weighted kappa as the standard performance metric for automated essay scoring,” in *16th International Conference on Educational Data Mining, EDM 2023*, 2023, pp. 103–113.
- [26] M. Z. A. Bin Azahar and K. I. Bin Ghauth, “A Hybrid Automated Essay Scoring Using NLP and Random Forest Regression,” in *Proceedings of the International Conference on Computer, Information Technology and Intelligent Computing (CITIC 2022)*, Dordrecht: Atlantis Press International BV, 2022, pp. 448–457. doi: 10.2991/978-94-6463-094-7\_35.
- [27] A. C. Praniffa, A. Syahri, F. Sandes, U. Fariha, Q. A. Giansyah, and M. Hamzah, “Penguujian Sistem Informasi Parkir Berbasis Web Pada UIN SUSKA RIAU Menggunakan White Box dan Black Box Testing,” *Jurnal Testing dan Implementasi Sistem Informasi*, vol. 1, no. 1, pp. 1–16, Mar. 2023, [Online]. Available: <https://www.journal.almatani.com/index.php/jtisi/article/view/321>
- [28] R. Gelar Guntara, “Deteksi Atap Bangunan Berbasis Citra Udara Menggunakan Google Colab dan Algoritma Deep Learning YOLOv7,” *Jurnal Manajemen Sistem Informasi (JMASIF)*, vol. 2, no. 1, pp. 9–18, May 2023, doi: 10.59431/jmasif.v2i1.156.
- [29] R. Gelar Guntara, “Pemanfaatan Google Colab Untuk Aplikasi Pendeteksian Masker Wajah Menggunakan Algoritma Deep Learning YOLOv7,” *Jurnal Teknologi Dan Sistem Informasi Bisnis*, vol. 5, no. 1, pp. 55–60, Feb. 2023, doi: 10.47233/jteksis.v5i1.750.
- [30] B. B. Santoso and P. O. N. Saian, “Implementasi Flask Framework pada Development Modul Reporting Aplikasi Sistem Informasi Helpdesk di PT.XYZ),” *Jurnal JTIK (Jurnal Teknologi Informasi dan Komunikasi)*, vol. 7, no. 2, pp. 217–226, Apr. 2023, doi: 10.35870/jtik.v7i2.718.
- [31] D. F. Ningtyas and N. Setiyawati, “Implementasi Flask Framework pada Pembangunan Aplikasi Purchasing Approval Request,” *Jurnal Janitra Informatika dan Sistem Informasi*, vol. 1, no. 1, pp. 19–34, Apr. 2021, doi: 10.25008/janitra.v1i1.120.

[32] H. Stepanek, *Thinking in Pandas*. Springer, 2020.

