

DAFTAR PUSTAKA

- Aldin, N. B., & Aldin, S. S. A. B. (2022). Accuracy Comparison of Different Batch Size for a Supervised Machine Learning Task with Image Classification. *2022 9th International Conference on Electrical and Electronics Engineering, ICEEE 2022*, 316–319. <https://doi.org/10.1109/ICEEE55327.2022.9772551>
- Alexmriggio. (2023). *BERT for Sequence Classification from Scratch — Code and Theory*, (<https://medium.com/@alexmriggio/bert-for-sequence-classification-from-scratch-code-and-theory-fb88053800fa>), diakses pada 28 Juli 2024).
- Atmaja, R. M. R. W. P. K., & Yustanti, W. (2021). Analisis Sentimen Customer Review Aplikasi Ruang Guru Dengan Metode BERT (Bidirectional Encoder Representations from Transformers). *Journal of Emerging Information System and Business Intelligence (JEISBI)*, 2(3), Article 3. <https://ejournal.unesa.ac.id>
- Baeldung. (2023b). *What Is a Learning Curve in Machine Learning?* <https://www.baeldung.com/cs/learning-curve-ml>
- Baeldung. (2023a). *Training and Validation Loss in Deep Learning*. <https://www.baeldung.com/cs/training-validation-loss-deep-learning>
- Chen, junqiao, 2023. Model Algorithm Research Based on Python Fast API. *Journal Frontiers in Science and Engineering*. Vol 3(9) ISSN : 2710-0588.
- Devlin, J., Chang, M.-W., Lee, K., & Toutanova, K. (2019). *BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding* (arXiv:1810.04805). arXiv. <http://arxiv.org/abs/1810.04805>
- Devlin, J, Chang, M, Lee, K & Toutanova, K dkk. (2019). *BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding*. Google AI Language.
- Fauzan, M. F., Purnamasari, A. I., & Dwilestari, G. (2023). Penerapan Data Mining Untuk Menganalisis Penjualan Air Minum Dalam Kemasan Selama Masa Pandemi Covid-19. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 7(1), Article 1. <https://doi.org/10.36040/jati.v7i1.6290>
- Ghosh, S., Roy, S., & Bandyopadhyay, S. K. (2012). A tutorial review on Text Mining Algorithms. *International Journal of Advanced Research in Computer and Communication Engineering*, 1(4), 223–233. www.ijarce.com
- Grandini, M., Bagli, E., & Visani, G. (2020). *Metrics for Multi-Class Classification: an Overview*. 1–17. <http://arxiv.org/abs/2008.05756>
- Halim, A., & Safuwani, A. (2023). Analisis Sentimen Opini Warganet Twitter Terhadap Tes Screening Genose Pendeteksi Virus Covid-19 Menggunakan Metode Naïve Bayes Berbasis Particle Swarm Optimization. *Jurnal*

- Informatika Teknologi dan Sains (Jinteks)*, 5(1), Article 1. <https://doi.org/10.51401/jinteks.v5i1.2229>
- Haghighi, S., Jasemi, M., Hessabi, S., & Zolanvari, A. (2018). PyCM: Multiclass confusion matrix library in Python. *Journal of Open Source Software*, 3(25), 729. <https://doi.org/10.21105/joss.00729>
- Ikhromr, F. N., Sugiyarto, I., Faddillah, U., & Sudarsono, B. (2023). Implementasi Data Mining Untuk Memprediksi Penyakit Diabetes Menggunakan Algoritma Naives Bayes dan K-Nearest Neighbor. *INTECOMS: Journal of Information Technology and Computer Science*, 6(1), 416–428. <https://doi.org/10.31539/intecom.v6i1.5916>
- Irwansyah Saputra, D. A. K. (2022). *Machine Learning untuk Pemula*. Informatika Bandung.
- Kalluri, S. (2023). *Deep Learning Based Sentiment Analysis*. January.
- Kenton, M. C., Kristina, L., & Devlin, J. (2018). *BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding*. Mlm.
- Koto, F., & Baldwin, T. (2020). *IndoLEM and IndoBERT: A Benchmark Dataset and Pre-trained Language Model for Indonesian NLP*. 757–770.
- Liu, B., Shen, W., Li, P., & Zhu, X. (2019). Accelerate Mini-batch Machine Learning Training with Dynamic Batch Size Fitting. *Proceedings of the International Joint Conference on Neural Networks, 2019-July*(July), 1–8. <https://doi.org/10.1109/IJCNN.2019.8851944>
- Moedasir, A. (2022). *Konten yang Menarik : Jenis dan Etika*, (<https://majoo.id/solusi/detail/konten-adalah>, diakses pada 25 September 2022).
- N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, L., & Polosukhin, I. (2023). *Attention Is All You Need* (arXiv:1706.03762). arXiv. <http://arxiv.org/abs/1706.03762>
- Normawati, D., & Prayogi, S. A. (2021). Implementasi Naïve Bayes Classifier Dan Confusion Matrix Pada Analisis Sentimen Berbasis Teks Pada Twitter. *Jurnal Sains Komputer & Informatika (J-SAKTI)*, 5(2), 697–711.
- Pavan, B. (2023). *Understanding the Softmax Activation Function: A Comprehensive Guide*, (<https://www.singlestore.com/blog/a-guide-to-softmax-activation-function>, diakses pada 28 Juli 2024).
- Sariwening, S. L. (2020). *IndoBERT: Transformer-based Model for Indonesian Language Understanding*. 433796.
- Susanto, H., & Sudiyatno, S. (2014). Data mining untuk memprediksi prestasi siswa berdasarkan sosial ekonomi, motivasi, kedisiplinan dan prestasi masa lalu. *Jurnal Pendidikan Vokasi*, 4(2). <https://doi.org/10.21831/jpv.v4i2.2547>
- Vaswani, A., Shazeer, N., Parmar, A., & Vaswani, A. (2017). *Attention Is All You Need*. Nips.

- Vlastimil Martinek. (2020). *Cross-entropy for classification*.
<https://towardsdatascience.com/cross-entropy-for-classification-d98e7f974451>
- Widi, S. (2022). *Pengguna Youtube di Dunia Capai 2,41 Miliar pada Kuartal II/2022*, (<https://dataindonesia.id/digital/detail/pengguna-youtube-di-dunia-capai-241-miliar-pada-kuartal-ii2022>, diakses pada 28 September 2022).
- Wirany, Detya., Tiarani Vidia Pratami. 2019. Kekuatan Media Baru Youtube Dalam Membentuk Budaya Populer. *Journal ARTCOMM* Vol 2 No. 2 e-ISSN : 2597-5188.

LEMBAR PERBAIKAN SKRIPSI

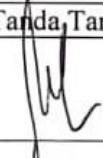



“ANALISIS SENTIMEN KOMENTAR BERBASIS TEKS DAN EMOJI PADA VIDEO KONTEN EDUKASI YOUTUBE MENGGUNAKAN METODE BIDIRECTIONAL ENCODER REPRESENTATIONS FROM TRANSFORMERS (BERT)”

OLEH:


**ILHAM
D121171309**

Skripsi ini telah dipertahankan pada Ujian Akhir Sarjana pada tanggal 31 Juli 2024. Telah dilakukan perbaikan penulisan dan isi skripsi berdasarkan usulan dari penguji dan pembimbing skripsi.

Persetujuan perbaikan oleh tim penguji:

	Nama	Tanda Tangan
Ketua	Dr. Eng. Zulkifli Tahir, S.T., M.Sc.	
Sekretaris	Ir. Christoforus Yohannes, M.T.	
Anggota	Dr. Amil Ahmad Ilham, S.T., M.IT.	
	Tyanita Puti Marindah W, S.T., M.Inf.	

Persetujuan perbaikan oleh pembimbing:

Pembimbing	Nama	Tanda Tangan
I	Dr. Eng. Zulkifli Tahir, S.T., M.Sc.	
II	Ir. Christoforus Yohannes, M.T.	