

DAFTAR PUSTAKA

- Aji, F. (2022). CONTENT STILISTICS ON INDONESIAN YOUTUBER VLOG. *Capture : Jurnal Seni Media Rekam*, 13(2), 132–147.
<https://doi.org/10.33153/capture.v13i2.4088>
- Chauhan, N. S. (2020). *Model Evaluation Metrics in Machine Learning - KDnuggets*. KDnuggets. <https://www.kdnuggets.com/2020/05/model-evaluation-metrics-machine-learning.html>
- Devlin, J., Chang, M.-W., Lee, K., & Toutanova, K. (2018). BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding. *NAACL HLT 2019 - 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies - Proceedings of the Conference*, 1(M1m), 4171–4186. <http://arxiv.org/abs/1810.04805>
- Fakultas Hukum UMSU. (2023). *Apa itu demokrasi?* <https://fahum.umsu.ac.id/apa-itu-demokrasi>
- Fithriana, A., Si, M., Annissa, J., & Ip, S. (n.d.). *Perbandingan Kualitas Demokrasi dalam Perspektif Kesetaraan Gender antara Indonesia dan Thailand*. <http://democracyranking.org/wordpress/?page>
- Fransiscus, & Girsang, A. S. (2022). Sentiment Analysis of COVID-19 Public Activity Restriction (PPKM) Impact using BERT Method. *International Journal of Engineering Trends and Technology*, 70(12), 281–288.
<https://doi.org/10.14445/22315381/IJETT-V70I12P226>
- Hlaing Moe, Z., San, T., Mie Khin, M., & May Tin, H. (2018). Comparison Of Naive Bayes And Support Vector Machine Classifiers On Document Classification. *2018 IEEE 7th Global Conference on Consumer Electronics (GCCE)*, Nara, Japan, 2018, 466–467. <https://doi.org/10.1109/GCCE.2018.8574785>
- Jurafsky, D., & Martin, J. H. (2000). *Speech and Language processing: An introduction to natural language processing, computational linguistics, and speech recognition*. <https://web.stanford.edu/~jurafsky/slp3/4.pdf>
- Koto, F., Rahimi, A., Lau, J. H., & Baldwin, T. (2020). *IndoLEM and IndoBERT: A Benchmark Dataset and Pre-trained Language Model for Indonesian NLP*. <http://arxiv.org/abs/2011.00677>
- Kuchling, A. M. (n.d.). *Regular Expression HOWTO*. Python Documentation. Diambil 8 Oktober 2023, dari <https://docs.python.org/3/howto/regex.html>
- Lacok, R. (n.d.). *Data Science Notebooks*. datasciencenotebooks. Diambil 8 Oktober 2023, dari datasciencenotebook.org/colab
- Liu, B., Hu, M., & Cheng, J. (2005). *Opinion Observer: Analyzing and Comparing*

- Opinions on the Web.*
<https://doi.org/https://doi.org/10.1145/1060745.1060797>
- Made Tara Okta Adriana, N., Made Agus Dwi Suarjaya, I., & Putra Githa, D. (2023). DECODE: Jurnal Pendidikan Teknologi Informasi ANALISIS SENTIMEN PUBLIK TERHADAP AKSI DEMONSTRASI DI INDONESIA MENGGUNAKAN SUPPORT VECTOR MACHINE DAN RANDOM FOREST. *Decode: Jurnal Pendidikan Teknologi Informasi*, 3(2), 257–267.
<https://doi.org/10.51454/decode.v3i2.187>
- Mahapatra, A. (2023). *Top 30 Python Libraries for Data Science in 2023*. knowledgehut. <https://www.knowledgehut.com/blog/data-science/python-libraries-for-data-science>
- Mhadhbi, N. (2021). *Python Tutorial: Streamlit*. datacamp.
<https://www.datacamp.com/tutorial/streamlit>
- Mueller, A. (2022). *WordClouds in Python*. PYTHON CHARTS | the Definitive Python Data Visualization Site.
- Nederkoorn, C. (2020). *Top 10 Python Packages for Machine Learning*. ActiveState.
<https://www.activestate.com/blog/top-10-python-machine-learning-packages/>
- Nikmah, T. L., Ammar, M. Z., Allatif, Y. R., Husna, R. M. P., Kurniasari, P. A., & Bahri, A. S. (2022). Comparison of LSTM, SVM, and naive bayes for classifying sexual harassment tweets. *Journal of Soft Computing Exploration*, 3(2).
<https://doi.org/10.52465/joscex.v3i2.85>
- NLTK :: Natural Language Toolkit. (2023). NLTK Documentation.
<https://www.nltk.org>
- Qadri, M. (2020). PENGARUH MEDIA SOSIAL DALAM MEMBANGUN OPINI PUBLIK. *Qaumiyyah*, 1(1), 49–63.
<https://doi.org/https://doi.org/10.24239/qaumiyyah.v1i1.4>
- Rahman Isnain, A., Hendrastuty, N., & Andraini, L. (2021). Comparison of Support Vector Machine and Naïve Bayes on Twitter Data Sentiment Analysis. *Jurnal Informatika: Jurnal pengembangan IT (JPIT)*, 6(1).
- Rao, A. (2023). *Top 10 Python Libraries You Must Know In 2023*. Edureka.
- Riza Kurniawanda, M., & Adline Twince Tobing, F. (2022). Analysis Sentiment Cyberbullying in Instagram Comments with XGBoost Method. *International Journal of New Media Technology*, 9(1), 28.
- Rozi, I. F., Pramono, S. H., & Dahlani, E. A. (2013). Implementasi Opinion Mining (Analisis Sentimen) untuk Ekstraksi Data Opini Publik pada Perguruan Tinggi.

- Jurnal EECCIS EECCIS (Electrics, Electronics, Communications, Controls, Informatics, Systems), 6(1), 37–43.*
<https://doi.org/https://doi.org/10.21776/jeccis.v6i1.164>
- Sadya, S. (2023). *Daftar negara Pengguna YouTube Terbesar Awal 2023, Ada Indonesia*. Dataindonesia.id. <https://dataindonesia.id/internet/detail/daftar-negara-pengguna-youtube-terbesar-awal-2023-ada-indonesia>
- Sastrawi. (2016). PyPI. <https://pypi.org/project/Sastrawi/>
- Syahrul Jiwandono, I. (2020). Dinamika Sosial Sikap Narcisstic Aksi Demonstrasi Mahasiswa Dalam Prospek Demokrasi Indonesia. *Equilibrium : Jurnal Pendidikan*, 8(1), 34–40. <http://journal.unismuh.ac.id/index.php/equilibrium>
- Tan, K. L., Lee, C. P., & Lim, K. M. (2023). A Survey of Sentiment Analysis: Approaches, Datasets, and Future Research. *Applied Sciences (Switzerland)*, 13(7). <https://doi.org/10.3390/app13074550>
- Wu, Y., Schuster, M., Chen, Z., Le, Q. V., Norouzi, M., Macherey, W., Krikun, M., Cao, Y., Gao, Q., Macherey, K., Klingner, J., Shah, A., Johnson, M., Liu, X., Kaiser, Ł., Gouws, S., Kato, Y., Kudo, T., Kazawa, H., ... Dean, J. (2016). *Google's Neural Machine Translation System: Bridging the Gap between Human and Machine Translation*. 1–23. <http://arxiv.org/abs/1609.08144>

LAMPIRAN

Lampiran 1 *Source code pengambilan data menggunakan YoutubeDataAPI*



Lampiran 2 *Source Code Data Cleaning*

Lampiran 3 Source Code Data Modelling

Lampiran 4 Source Code Model Deployment

Lampiran 5 Data Source