

DAFTAR PUSTAKA

- Agustina Purwitasari, N., & Soleh, M. (2022). *Implementasi Algoritma Artificial Neural Network Dalam Pembuatan Chatbot Menggunakan Pendekatan Natural Language Processing (Implementation Of Artificial Neural Network Algorithm In Chatbot Development Using Natural Language Processing Approach)*.
- Bagwan, F., Phalnikar, R., & Desai, S. (2021, May 21). Artificially intelligent health chatbot using deep learning. *2021 2nd International Conference for Emerging Technology, INCET 2021*. <https://doi.org/10.1109/INCET51464.2021.9456195>
- Bariyah, S. H., & Imania, K. A. N. (2022). Pengembangan Virtual Assistant Chatbot Berbasis Whatsapp Pada Pusat Layanan Informasi Mahasiswa Institut Pendidikan Indonesia - Garut. *JURNAL PETIK*, 8(1), 66–79. <https://doi.org/10.31980/jpetik.v8i1.1575>
- Dahman, D. (2021). *TensorFlow.Keras*. <Https://Medium.Com/Sysinfo/Tensorflow-Keras-66dd489ae52f>.
- Dhyani, M., & Kumar, R. (2019). An intelligent Chatbot using deep learning with Bidirectional RNN and attention model. *Materials Today: Proceedings*, 34, 817–824. <https://doi.org/10.1016/j.matpr.2020.05.450>
- Elcholiqi, A., & Musdholifah, A. (2020). Chatbot in Bahasa Indonesia using NLP to Provide Banking Information. *IJCCS (Indonesian Journal of Computing and Cybernetics Systems)*, 14(1), 91. <https://doi.org/10.22146/ijccs.41289>
- Giga Razki Ardiansyah, Musayyanah, M., Wega Aqvirandy, M. Difa Farady, Mia Nilam Cahya, & Tri Hadiono. (2023). Deteksi kanker payudara menggunakan artificial neurol network pada deep learning. *INFOTECH : Jurnal Informatika & Teknologi*, 4(2). <https://doi.org/10.37373/infotech.v4i2.902>
- Hidayat, S., Silvanie, A., & Subekti, R. (2022). CHATBOT UNTUK KONSULTASI AKADEMIK MENGGUNAKAN NATURAL LANGUAGE PROCESSING (NLP) DI IBI-K 1957. *Journal of Information System, Applied, Management, Accounting and Research*, 6(2), 396–410. <https://doi.org/10.52362/jisamar.v6i2.780>
- Kandpal, P., Jasnani, K., Raut, R., & Bhorge, S. (2024). *Contextual Chatbot for Healthcare Purposes (using Deep Learning)*.
- Kummar, R. G., Shetty, S. J., Vishwas, S. N., Vismith Upadhyा, P. J., & Munavalli, J. R. (2021). Edu-bot: An AI based Smart Chatbot for Knowledge Management System. *CSITSS 2021 - 2021 5th International Conference on Computational Systems and Information Technology for Sustainable Solutions, Proceedings*. <https://doi.org/10.1109/CSITSS54238.2021.9683011>
- M Dharani, JVSL Jyostna, E Sucharitha, R Likitha, & Dr. Manne Suneetha. (2020). *Interactive Transport Enquiry with AI Chatbot (ICICCS 2020)*.
- Mathew, A. N., Rohini, V., & Paulose, J. (2021). NLP-based personal learning assistant for school education. *International Journal of Electrical and Computer Engineering*, 11(5), 4522–4530. <https://doi.org/10.11591/ijece.v11i5.pp4522-4530>
- Montenegro, J. L. Z., da Costa, C. A., & Janssen, L. P. (2022). Evaluating the use of chatbot during pregnancy: A usability study. *Healthcare Analytics*, 2. <https://doi.org/10.1016/j.health.2022.100072>
- Nangoy, J. G., & Shabrina, N. H. (2020). Analysis of Chatbot-Based Image Classification on Social Commerce LINE@ Platform. *Proceedings - 2020 7th*

- NAFOSTED Conference on Information and Computer Science, NICS 2020*, 232–237. <https://doi.org/10.1109/NICS51282.2020.9335874>
- Narendra, L. W. (2022). Topic Modeling in Conversational Dialogs for Naming Intent Labels Using LDA. *JTECS : Jurnal Sistem Telekomunikasi Elektronika Sistem Kontrol Power Sistem Dan Komputer*, 2(1), 65. <https://doi.org/10.32503/jtecs.v2i1.1820>
- Prasomphan, S. (2019). *Improvement of Chatbot in Trading System for SMEs by Using Deep Neural Network*.
- Ramírez, S. (2021). *Menggunakan FastAPI untuk Membangun API Web Python*. <Https://Realpython.Com/Fastapi-Python-Web-Apis/#reader-Comments>.
- Rumaisa, F., Puspitarani, Y., Rosita, A., Zakiah, A., & Violina, S. (2021). Penerapan Natural Language Processing (NLP) di bidang pendidikan. *Jurnal Inovasi Masyarakat*, 1(3), 232–235. <https://doi.org/10.33197/jim.vol1.iss3.2021.799>
- Sabna, E. (2022). APLIKASI CHATBOT SEBAGAI CUSTOMER SUPPORT UNTUK MENINGKATKAN PELAYANAN TERHADAP CALON MAHASISWA. *Jurnal Ilmu Komputer*, 11(1), 21–24. <https://doi.org/10.33060/jik/2022/vol11.iss1.249>
- Santos, I., Barwaldt, R., Santos, A., Santos, M., Ribeiro, L. O., & Oliveira, J. (2023). Performance Comparison Between Sentiment Classification Models for Use in Chatbots in Virtual Learning Environments. *Proceedings - Frontiers in Education Conference, FIE*. <https://doi.org/10.1109/FIE58773.2023.10343483>
- Setiawan, R. (2021). *Mengenal Deep Learning Lebih Jelas*. <https://www.dicoding.com/blog/mengenal-deep-learning/#:~:text=Apa%20itu%20deep%20learning?,dengan%20algoritma%20machine%20learning%20lainnya>.
- Shah, R. (2024). *Tune Hyperparameters with GridSearchCV*. <Https://Www.Analyticsvidhya.Com/Blog/2021/06/Tune-Hyperparameters-with-Gridsearchcv/>.
- Singh Rupesh, Paste Manmath, Shinde Nirmala, Patel Harshkumar, & Mishra Nitin. (2018). *Chatbot using TensorFlow for small Businesses*.
- Sinha, G., Chapagain, R., Budhathoki, A., Sarkar, K., Mandal, A. K., & Manorishik, O. (2023). Infrastructure as a Code Chatbot using Natural Language Processing. *6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings*, 567–571. <https://doi.org/10.1109/ICICT57646.2023.10134369>
- Suparno, D. (2024). CHATBOT HELPDESK APLIKASI CATAT METER TERPUSAT PLN DENGAN DEEP LEARNING. *Tesis*.
- Zulrahman, M. F., & Syahputra, H. (2023). Pemanfaatan Artificial Intelligence Markup Language (AIML) dan Latent Semantic Analysis (LSA) dalam Pengembangan Chatbot E-Education. *INTECOMS: Journal of Information Technology and Computer Science*, 6(1), 36–43. <https://doi.org/10.31539/intecoms.v6i1.5459>
- Zuraiyah, T. A., Utami, D. K., & Herlambang, D. (2019). IMPLEMENTASI CHATBOT PADA PENDAFTARAN MAHASISWA BARU MENGGUNAKAN RECURRENT NEURAL NETWORK. *Jurnal Ilmiah Teknologi Dan Rekayasa*, 24(2), 91–101. <https://doi.org/10.35760/tr.2019.v24i2.2388>