

## DAFTAR PUSTAKA

- Adamopoulou, E., & Moussiades, L. (2020). An Overview of Chatbot Technology. *IFIP Advances in Information and Communication Technology*, 584 *IFIP*, 373–383. [https://doi.org/10.1007/978-3-030-49186-4\\_31](https://doi.org/10.1007/978-3-030-49186-4_31)
- AI@Meta. (2024). Llama 3 Model Card. [https://github.com/meta-llama/llama3/blob/main/MODEL\\_CARD.md](https://github.com/meta-llama/llama3/blob/main/MODEL_CARD.md)
- Aleksendrić, M., Borucki, A., & Domingues, L. (2024). Mastering MongoDB 7.0 – Fourth Edition: Achieve Data Excellence by Unlocking the Full Potential of MongoDB. Packt Publishing. <https://books.google.co.id/books?id=Drs30AEACAAJ>
- Anam, S., Widhiatmoko, F., Yanti, I., Fitriah, Z., Sa'adah, U., & Guci, A. N. (2023). *Pengantar Algoritma dan Pemrograman dengan Python*. Universitas Brawijaya Press. <https://books.google.co.id/books?id=hnXoEAAAQBAJ>
- Arasyi, F. (2022). Indo-sentence-bert: Sentence Transformer for Bahasa Indonesia with Multiple Negative Ranking Loss. Hugging Face. <https://huggingface.co/firqaaa/indo-sentence-bert-base>.
- Arun R, R. (2024). Mastering Large Language Models with Python: Unleash the Power of Advanced Natural Language Processing for Enterprise Innovation and Efficiency Using Large Language Models (LLMs) with Python. Orange Education Pvt Limited. <https://books.google.co.id/books?id=kk4CEQAAQBAJ>

Bishop, C. M., & Bishop, H. (2023). *Deep Learning: Foundations and Concepts*. Springer Orang Publishing.

<https://books.google.co.id/books?id=jyUI0AEACAAJ>

Cirillo, A. (2017). *R Data Mining*. Packt Publishing.

<https://books.google.co.id/books?id=aVhItAEACAAJ>

Crowder, J., & Carbone, J. (2023). *AI Chatbots: The Good, The Bad, and The Ugly*. Springer Nature Switzerland.

<https://books.google.co.id/books?id=4irhEAAAQBAJ>

Geetha, T. V, & Sendhilkumar, S. (2023). *Machine Learning: Concepts, Techniques and Applications*. CRC Press.

[https://books.google.co.id/books?id=\\_GO1EAAAQBAJ](https://books.google.co.id/books?id=_GO1EAAAQBAJ)

Guntoro, G., Loneli Costaner, & Lisawita, L. (2020). Aplikasi Chatbot untuk Layanan Informasi dan Akademik Kampus Berbasis Artificial Intelligence Markup Language (AIML). *Digital Zone: Jurnal Teknologi Informasi Dan Komunikasi*, 11(2), 291–300.

<https://doi.org/10.31849/digitalzone.v11i2.5049>

HuggingFaceH4. (2023). Zephyr 7B  $\beta$ . Hugging Face.

<https://huggingface.co/HuggingFaceH4/zephyr-7b-beta>

Islam, R. (2023). *Retrieval-Augmented Generation (RAG): Empowering Large Language Models (LLMs)*. Dr. Ray Islam (Mohammad Rubyet Islam).

<https://books.google.co.id/books?id=5xRm0AEACAAJ>

Jiang, A. Q., Sablayrolles, A., Mensch, A., Bamford, C., Chaplot, D. S., Casas, D.

De las, Bressand, F., Lengyel, G., Lample, G., Saulnier, L., Lavaud, L. R.,

Lachaux, M.-A., Stock, P., Scao, T. Le, Lavril, T., Wang, T., Lacroix, T.,

& Sayed, W. El. (2023). Mistral 7B.

<https://doi.org/10.48550/arXiv.2310.16944>

Khadija, M. A., & Nurharjadmo, W. (2023). Enhancing Indonesian customer complaint analysis: LDA topic modelling with BERT embeddings.

*SINERGI*, 28(1), 152. <https://doi.org/10.22441/sinergi.2024.1.015>

Lane, H., & Dyshel, M. (2024). *Natural Language Processing in Action, Second Edition*. Manning. <https://books.google.co.id/books?id=t0y9zgEACAAJ>

Lee, R. S. T. (2023). *Natural Language Processing: A Textbook with Python Implementation*. Springer Nature Singapore.

<https://books.google.co.id/books?id=V2HjEAAAQBAJ>

Lewis, P., Perez, E., Piktus, A., Petroni, F., Karpukhin, V., Goyal, N., Küttler, H.,

Lewis, M., Yih, W., Rocktäschel, T., Riedel, S., & Kiela, D. (2020).

*Retrieval-Augmented Generation for Knowledge-Intensive NLP Tasks*.

<http://arxiv.org/abs/2005.11401>

Luo, B., Lau, R. Y. K., Li, C., & Si, Y. (2022). A critical review of state-of-the-art chatbot designs and applications. *WIREs Data Mining and Knowledge*

*Discovery*, 12(1). <https://doi.org/10.1002/widm.1434>

McTear, M. (2021). *Conversational AI: Dialogue Systems, Conversational Agents, and Chatbots*. Morgan & Claypool Publishers.

<https://books.google.co.id/books?id=nllKzgEACAAJ>

Meta Llama. (2024). Llama-3 8B Instruct. Hugging Face.

<https://huggingface.co/meta-llama/Meta-Llama-3-8B-Instruct>

Mistral AI. (2024). Mistral 7B Instruct v0.3. Hugging Face.

<https://huggingface.co/mistralai/Mistral-7B-Instruct-v0.3>

Moscato, R. (2024). *Web App Development Made Simple with Streamlit: A web developer's guide to effortless web app development, deployment, and scalability*. Packt Publishing.

<https://books.google.co.id/books?id=pLfuEAAAQBAJ>

Reimers, N., & Gurevych, I. (2019). Sentence-BERT: Sentence Embeddings using Siamese BERT-Networks.

<https://doi.org/10.48550/arXiv.1908.10084>

Shah, P. (2023). *AI and the Future of Education: Teaching in the Age of Artificial Intelligence*. Wiley.

<https://books.google.co.id/books?id=QkrUEAAAQBAJ>

Sugiyono. (2013). *METODE PENELITIAN KUANTITATIF, KUALITATIF, DAN R&D*. Alfabeta.

Sundaramoorthy, S. (2022). *UML Diagramming: A Case Study Approach*. CRC Press. <https://books.google.co.id/books?id=34lfEAAAQBAJ>

Suwarningsih, W., Pramata, R. A., Rahadika, F. Y., & Purnomo, M. H. A. (2022). RoBERTa: language modelling in building Indonesian question-answering systems. *TELKOMNIKA (Telecommunication Computing Electronics and Control)*, 20(6), 1248. <https://doi.org/10.12928/telkomnika.v20i6.24248>

Thakur, K., Barker, H. G., & Pathan, A. S. K. (2024). *Artificial Intelligence and Large Language Models: An Introduction to the Technological Future*.

CRC Press. <https://books.google.co.id/books?id=aRILEQAAQBAJ>

Touvron, H., Lavril, T., Izacard, G., Martinet, X., Lachaux, M.-A., Lacroix, T.,

Rozière, B., Goyal, N., Hambro, E., Azhar, F., Rodriguez, A., Joulin, A.,

Grave, E., & Lample, G. (2023). LLaMA: Open and Efficient Foundation Language Models. <https://doi.org/10.48550/arXiv.2302.13971>

Tunstall, L., Beeching, E., Lambert, N., Rajani, N., Rasul, K., Belkada, Y., Huang, S., von Werra, L., Fourrier, C., Habib, N., Sarrazin, N., Sansevero, O., Rush, A. M., & Wolf, T. (2023). Zephyr: Direct Distillation of LM Alignment. <https://doi.org/10.48550/arXiv.2310.16944>

Tunstall, L., von Werra, L., & Wolf, T. (2022). *Natural Language Processing with Transformers: Building Language Applications with Hugging Face*. O'Reilly Media. <https://books.google.co.id/books?id=pNBpzwEACAAJ>

Vasilev, I. (2023). *Python Deep Learning: Understand how deep neural networks work and apply them to real-world tasks*. Packt Publishing. <https://books.google.co.id/books?id=-OPgEAAAQBAJ>

Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, L., & Polosukhin, I. (2017). *Attention Is All You Need*. <http://arxiv.org/abs/1706.03762>



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