DAFTAR PUSTAKA

Abu Ahmad. (2017). Mengenal Artificial Intelligence, Machine Learning, & Deep Learning. *Jurnal Teknologi Indonesia*, *1*(June), 1–6. https://amtit.com/mengenal-perbedaan-artificial-inteligence-machine-learning-deeplearning/.

Abudrrohman R. (2024). *Uji Performa Chatbot Dengan Retrieval Augmented Generation Dan Model Gpt-4 Untuk Domain Taharah Berdasarkan Empat Imam Mazhab Fikih (Studi Kasus Kitab Rahmah Al Ummah Fi Ikhtilaf Al a'Immah)*. https://repository.uinjkt.ac.id/dspace/handle/123456789/77195.

Adamopoulou, E., & Moussiades, L. (2020). An Overview of Chatbot Technology. In *IFIP Advances in Information and Communication Technology: Vol. 584 IFIP* (Issue May). Springer International Publishing. https://doi.org/10.1007/978-3-030-49186-4_31

Allard, M.-A., Ansaripour, M., Yuffa, M., & Teiletche, P. (2024). *LLaMa-SciQ: An Educational Chatbot for Answering Science MCQ*. http://arxiv.org/abs/2409.16779

Anassai, B. R., Josaphat, B. P., Cina, B., & Timur, J. (2024). *Pembangunan Chatbot Sistem Informasi KBLI dan KBJI Berbasis LLM*. Seminar Nasional Official Statistics, 723–734. https://doi.org/10.34123/semnasoffstat.v2024i1.2202

Anbiya, M., Islam, N., Warsito, B., & Nurhayati, O. D. (2024). Ai-Driven Chatbot Implementation for Enhancing Customer Service in Higher Education: a Case Study From Universitas Negeri Semarang. *Journal of Theoretical and Applied Information Technology*, *31*(14), 5690–5701. www.jatit.org

Chaerunisyah, A. (2024). Urgensi Peran Konsultan Akademik dalam Proses Pencapaian Merdeka Belajar Kampus Merdeka di Perguruan Tinggi Swasta. *Transparansi : Jurnal Ilmiah Ilmu Administrasi*, *6*(2), 281–290. https://doi.org/10.31334/transparansi.v6i2.3543

Firdaus, D., Sumardi, I., & Kulsum, Y. (2024). *Integrating Retrieval-Augmented Generation with Large Language Model Mistral 7b for Indonesian Medical Herb*. *9*(3), 230–243. https://doi.org/10.14421/jiska.2024.9.3.230-243

Hamdhana, D. (2024). *A low code approach to q&a on care records using flowise ai with llm integration and rag method*. JIPI: *Jurnal Ilmiah Penelitian dan Pembelajaran Informatika*, *9*(4), 2435–2445. https://doi.org/10.29100/jipi.v9i4.69

Alifya Hikmah, Fairuz Azmi, Ratna Astuti Nugrahaeni. (2023). *Implementasi Natural Language Processing Pada Chatbot Untuk Layanan Akademik*. e-*Proceeding of Engineering*, *10*(1), 371–382. https://doi.org/10.33884/jif.v12i02.9279

Ichsanudin, I., Pratama, R., & Sisephaputra, B. (2024). *Pengembangan Sistem Helpdesk Menggunakan Chatbot Dengan Metode Retrieval-Augmented Generation (RAG). JINACS*: *Journal of Informatics and Computer Science*, *06*, 696–710. https://doi.org/10.26740/jinacs.v6n03.p696-710

Issn, P., Fauziyah, S., & Sugiarti, Y. (2022). *Literature Review : Analisis Metode Perancangan Sistem Informasi Akademik Berbasis Web*. *8*(2), 87–93. https://doi.org/10.35329/jiik.v8i2.229

Lu, T., Hu, J., & Chen, P. (2024). *Benchmarking Llama 3 for Chinese News Summation: Accuracy, Cultural Nuance, and Societal Value Alignment*. https://doi.org/10.36227/techrxiv.171742386.68305769/v1

Mahendra, A. (2022). *Implementasi low-rank adaptation of large languange model (lora) untuk effisiensi large language model*. *JIPI*: *Jurnal Ilmiah Penelitian dan Pembelajaran Informatika*, *8*(3), 110–118. https://doi.org/10.29100/jipi.v9i4.5519

Muhammad Irfan Syah, Nazruddin Safaat Harahap, Novriyanto, & Suwanto Sanjaya. (2024). Penerapan Retrieval Augemented Generation Menggunakan Langchain Dalam Pengembangan Sistem Tanya Jawab Hadis Berbasis Web. *ZONAsi: Jurnal Sistem Informasi*, *6*(2), 370–379. https://doi.org/10.31849/zn.v6i2.19940

Muhammad, T., Rahardiansyah, R., Perdana, R. S., & Fatyanosa, T. N. (2025). *Analisis Teknik Embedding Model NV-Embed pada Large Language Models Berbasis Retrieval Augmented Generation*. *9*(2). https://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/14452

Ndruru, A. J., Fikry, M., & -, Y. (2023). Chatbot PTIPD Customer Care Center Service using Dialogfow. *Komputasi: Jurnal Ilmiah Ilmu Komputer Dan Matematika*, *20*(2), 101–111. https://doi.org/10.33751/komputasi.v20i2.8281

Okonkwo, C. W., & Ade-Ibijola, A. (2021). Chatbots applications in education: A systematic review. *Computers and Education: Artificial Intelligence*, *2*, 100033. https://doi.org/10.1016/j.caeai.2021.100033

Rizki, F., Sutiyo, A., Harahap, N. S., Agustian, S., & Candra, R. M. (2024). KLIK: Kajian Ilmiah Informatika dan Komputer Implementasi Question Answering Berbasis Chatbot Telegram Pada Tafsir Al-Jalalain Menggunakan Langchain dan LLM. *Media Online*, *4*(5), 2464–2472. https://doi.org/10.30865/klik.v4i5.1784

Topsakal, O., & Akinci, T. C. (2023). Creating Large Language Model Applications Utilizing LangChain: A Primer on Developing LLM Apps Fast. *International Conference on Applied Engineering and Natural Sciences*, *1*(1), 1050–1056. https://doi.org/10.59287/icaens.1127

Yoni Tribber, Kusnadi, Marsani Asfi. (2024). *Implementasi Retrieval Augmented Generation untuk Layanan Informasi Kampus dengan Chatbot Berbasis AI.*

SISFOTEK: *Prosiding Seminar Nasional Sistem Informasi dan Teknologi*, 594–600. https://seminar.iaii.or.id/index.php/SISFOTEK/article/view/560

Wintoro, P. B., Hermawan, H., Muda, M. A., & Mulyani, Y. (2022). Implementasi Long Short-Term Memory pada Chatbot Informasi Akademik Teknik Informatika Unila. *EXPERT: Jurnal Manajemen Sistem Informasi Dan Teknologi*, *12*(1), 68. https://doi.org/10.36448/expert.v12i1.2593