

DAFTAR PUSTAKA

- [1] S. Munirathinam, "Industry 4.0: Industrial Internet of Things (IIOT)," *Adv. Comput.*, vol. 117, no. 1, pp. 129–164, Jan. 2020, doi: 10.1016/BS.ADCOM.2019.10.010.
- [2] M. Soori, B. Arezoo, and R. Dastres, "Internet of things for smart factories in industry 4.0, a review," *Internet Things Cyber-Physical Syst.*, vol. 3, no. March, pp. 192–204, 2023, doi: 10.1016/j.iotcps.2023.04.006.
- [3] T. Kalsoom, N. Ramzan, S. Ahmed, and M. Ur-Rehman, "Advances in sensor technologies in the era of smart factory and industry 4.0," *Sensors (Switzerland)*, vol. 20, no. 23, pp. 1–22, 2020, doi: 10.3390/s20236783.
- [4] A. Dokumen, "Peran Artificial Intelligence (AI) dalam Manajemen Arsip dan Dokumen," vol. 1, no. 6, pp. 484–499, 2024.
- [5] "Pentingnya Knowledge Management System bagi Perusahaan – School of Information Systems." Accessed: Nov. 30, 2024. [Online]. Available: <https://sis.binus.ac.id/2014/05/07/pentingnya-knowledge-management-system-bagi-perusahaan/>
- [6] "AI in Knowledge Management: Pros and Cons." Accessed: Nov. 15, 2024. [Online]. Available: <https://kmslh.com/blog/ai-in-knowledge-management-pros-and-cons/>
- [7] R. Alief and E. Nurmiati, "Penerapan Kecerdasan Buatan Dan Teknologi Informasi Pada Efisiensi Manajemen Pengetahuan," *J. Masy. Inform.*, vol. 13, no. 1, pp. 59–69, 2022, doi: 10.14710/jmasif.13.1.43760.
- [8] "Top 9 Knowledge Management System Examples For Modern KMS | by Vish Khanna | Shelf | Medium." Accessed: Nov. 15, 2024. [Online]. Available: <https://medium.com/shelf-io/top-9-knowledge-management-system-examples-for-modern-kms-d351fd065351>
- [9] I. Li, "Neural Natural Language Processing for unstructured data in electronic health records: A review," *Computer Science Review*, vol. 46, 2022. doi: 10.1016/j.cosrev.2022.100511.
- [10] A. Gaikwad, P. Rambhia, and S. Pawar, "An Extensive Analysis Between Different Language Models: GPT-3, BERT and MACAW," *Int. J. Comput. Appl.*, pp. 1–19, 2022, [Online]. Available: <https://doi.org/10.21203/rs.3.rs-2155616/v1>
<https://www.researchsquare.com/article/rs-2155616/v1>
- [11] R. Chambers, N. Tack, E. Pearson, L. J. Martin, and F. Ferraro, "BERALL : Towards Generating Retrieval-augmented State-based Interactive Fiction Games," 2024.
- [12] T. Chen, H. Li, M. Kasamatsu, T. Utsuro, and Y. Kawada, "Developing a how-to tip machine comprehension dataset and its evaluation in machine comprehension by BERT," *Proc. Annu. Meet. Assoc. Comput. Linguist.*, pp. 26–35, 2020, doi: 10.18653/v1/2020.fever-1.4.
- [13] A. Brandsen, S. Verberne, K. Lambers, and M. Wansleben, "Can BERT Dig It? Named Entity Recognition for Information Retrieval in the Archaeology Domain," *J. Comput. Cult. Herit.*, vol. 15, no. 3, pp. 1–18, 2022, doi: 10.1145/3497842.
- [14] J. Li *et al.*, "Graph Enhanced BERT for Query Understanding," *SIGIR 2023 - Proc. 46th Int. ACM SIGIR Conf. Res. Dev. Inf. Retr.*, pp. 3315–3319, 2023, doi: 10.1145/3539618.3591845.
- [15] A. Widad, B. L. El Habib, and E. F. Ayoub, "Bert for Question Answering applied on Covid-19," *Procedia Comput. Sci.*, vol. 198, no. 2021, pp. 379–384, 2021, doi: 10.1016/j.procs.2021.12.257.
- [16] R. Khanmohammadi, M. S. Mirshafiee, and M. Allahyari, "COPER: A Query-Adaptable Semantics-based Search Engine for Persian COVID-19 Articles," *2021 7th Int. Conf. Web Res. ICWR 2021*, pp. 64–70, 2021, doi: 10.1109/ICWR51868.2021.9443151.
- [17] Y. Mass, B. Carmeli, H. Roitman, and D. Konopnicki, "Unsupervised FAQ retrieval

- with question generation and BERT,” *Proc. Annu. Meet. Assoc. Comput. Linguist.*, pp. 807–812, 2020, doi: 10.18653/v1/2020.acl-main.74.
- [18] V. Kumar and J. Callan, “Findings of the Association for Computational Linguistics Making Information Seeking Easier: An Improved Pipeline for Conversational Search,” pp. 3971–3980, 2020.
- [19] Y. Nugraha, “Information System Development With Comparison of Waterfall and Prototyping Models,” *RISTEC Res. Inf. Syst. Technol.*, vol. 1, no. 2, pp. 126–131, 2020, doi: 10.31980/ristec.v1i2.1202.
- [20] J. Beno, A. . Silen, and M. Yanti, “PERBANDINGAN MODEL WATERFALL DENGAN PROTOTYPE PADA PENGEMBANGAN SYSTEM INFORMASI BERBASIS WEBSITE,” *Vira Adi Kurniyanti, Deni Murdiani*, vol. 33, no. 1, pp. 1–12, 2022.
- [21] W. Gede Endra Bratha, “Literature Review Komponen Sistem Informasi Manajemen: Software, Database Dan Brainware,” *J. Ekon. Manaj. Sist. Inf.*, vol. 3, no. 3, pp. 344–360, 2022, doi: 10.31933/jemsi.v3i3.824.
- [22] R. F. Ramadhan and R. Mukhaiyar, “Penggunaan Database Mysql dengan Interface PhpMyAdmin sebagai Pengontrolan Smarthome Berbasis Raspberry Pi,” *JTEIN J. Tek. Elektro Indones.*, vol. 1, no. 2, pp. 129–134, 2020, doi: 10.24036/jtein.v1i2.55.
- [23] “Pengguna Media Sosial di Indonesia Capai 191 Juta pada 2022 - DataIndonesia.id.” Accessed: Apr. 20, 2024. [Online]. Available: <https://dataindonesia.id/internet/detail/pengguna-media-sosial-di-indonesia-capai-191-juta-pada-2022>
- [24] E. Helmud, “Kata kunci 3,” *Kinabalu*, vol. 11, no. 2, pp. 305–322, 2021.
- [25] A. Intelligence, “Jbptunikompp-Gdl-Ianpermana-24119-9-12.Uniko-I,” pp. 10–49, 1963.
- [26] “(209) YugabyteDB : Solusi Database untuk Modernisasi Pengelolaan Data Organisasi - YouTube.” Accessed: Aug. 07, 2024. [Online]. Available: <https://www.youtube.com/watch?v=ISC2JlaBTMg>
- [27] Syaiful Hakim, “Bab Ii Landasan Teori,” *J. Chem. Inf. Model.*, vol. 53, no. 9, pp. 8–24, 2022.
- [28] T. M. . Connolly and C. E. . Begg, “Database systems : a practical approach to design, implementation and management,” p. 1327, 2015, Accessed: Aug. 07, 2024. [Online]. Available: <https://sis.binus.ac.id/2018/12/18/distributed-dbms/>
- [29] “Natural Language Processing: Pengertian, Cara Kerja, Contoh.” Accessed: Nov. 21, 2024. [Online]. Available: <https://blog.algorit.ma/natural-language-processing/>
- [30] “Apa itu Natural Language Processing? | Google Cloud.” Accessed: Nov. 21, 2024. [Online]. Available: <https://cloud.google.com/learn/what-is-natural-language-processing?hl=id>
- [31] “Natural Language Processing dan Kegunaannya – School of Information Systems.” Accessed: Nov. 21, 2024. [Online]. Available: <https://sis.binus.ac.id/2024/05/17/natural-language-processing-dan-kegunaannya/>
- [32] “Mengenal Natural Language Processing sebagai Alat Interaksi antara Manusia dan Mesin.” Accessed: Nov. 21, 2024. [Online]. Available: <https://www.djkn.kemenkeu.go.id/kpknl-banjarmasin/baca-artikel/16849/Mengenal-Natural-Language-Processing-sebagai-Alat-Interaksi-antara-Manusia-dan-Mesin.html>
- [33] I. H. Sarker, “Machine Learning: Algorithms, Real-World Applications and Research Directions,” *SN Comput. Sci.*, vol. 2, no. 3, pp. 1–21, 2021, doi: 10.1007/s42979-021-00592-x.
- [34] X. Wang, X. Lin, and X. Dang, “Supervised learning in spiking neural networks: A review of algorithms and evaluations,” *Neural Networks*, vol. 125, no. May, pp. 258–280, 2020, doi: 10.1016/j.neunet.2020.02.011.

- [35] D. Q. Zeebaree, D. A. Hasan, A. M. Abdulazeez, F. Y. H. Ahmed, and R. T. Hasan, "Machine Learning Semi-Supervised Algorithms for Gene Selection: A Review," in *2021 IEEE 11th International Conference on System Engineering and Technology (ICSET)*, IEEE, Nov. 2021, pp. 165–170. doi: 10.1109/ICSET53708.2021.9612526.
- [36] B. Rolf, I. Jackson, M. Müller, S. Lang, T. Reggelin, and D. Ivanov, "A review on reinforcement learning algorithms and applications in supply chain management," *Int. J. Prod. Res.*, vol. 61, no. 20, pp. 7151–7179, 2023, doi: 10.1080/00207543.2022.2140221.
- [37] M. Rizki, S. Basuki, and Y. Azhar, "Implementasi Deep Learning Menggunakan Arsitektur Long Short Term Memory(LSTM) Untuk Prediksi Curah Hujan Kota Malang," *J. Repos.*, vol. 2, no. 3, pp. 331–338, 2020, doi: 10.22219/repositor.v2i3.470.
- [38] A. Mahmoud and A. Mohammed, *A Survey on Deep Learning for Time-Series Forecasting*, vol. 77, no. February. Springer International Publishing, 2021. doi: 10.1007/978-3-030-59338-4_19.
- [39] "Memahami System Development Life Cycle – Accounting." Accessed: Nov. 04, 2024. [Online]. Available: <https://accounting.binus.ac.id/2020/05/19/memahami-system-development-life-cycle/>
- [40] "Tahapan SDLC (Software Development Life Cycle): Pengertian & Modelnya." Accessed: Nov. 04, 2024. [Online]. Available: <https://www.logique.co.id/blog/2021/04/28/tahapan-sdlc/>
- [41] Universitas Hayam Wuruk, "BAB 7 SDLC (Software Development Life Cycle)," *Modul Digit. Mata Kuliah Pengantar Sist. Inf.*, pp. 102–126, 2023.
- [42] "User Acceptance Testing: Definisi, Fungsi, dan Jenisnya | Arvis." Accessed: Nov. 04, 2024. [Online]. Available: <https://arvis.id/insight/definisi-tujuan-jenis-user-acceptance-testing/>
- [43] "Apa itu UAT (User Acceptance Testing)? Arti, Fungsi, Contoh, FAQs 2024 | RevoU." Accessed: Nov. 04, 2024. [Online]. Available: <https://revou.co/kosakata/uat>
- [44] C. Schröer, F. Kruse, and J. M. Gómez, "A systematic literature review on applying CRISP-DM process model," *Procedia Comput. Sci.*, vol. 181, no. 2019, pp. 526–534, 2021, doi: 10.1016/j.procs.2021.01.199.
- [45] "Mempelajari Modeling Cross-Industry Standard Process for Data Mining atau CRISP-DM | by Ruth | Medium." Accessed: Nov. 30, 2024. [Online]. Available: <https://ruthsitorus.medium.com/mempelajari-modeling-cross-industry-standard-process-for-data-mining-atau-crisp-dm-166735c14159>
- [46] "Cosine Similarity - GeeksforGeeks." Accessed: Nov. 07, 2024. [Online]. Available: <https://www.geeksforgeeks.org/cosine-similarity/>
- [47] K. Kurniati, "Penerapan Metode Prototype Pada Perancangan Sistem Pengarsipan Dokumen Kantor Kecamatan Lais," *J. Softw. Eng. Ampera*, vol. 2, no. 1, pp. 16–27, 2021, doi: 10.51519/journalsea.v2i1.89.
- [48] A. Fu'adi and A. Prianggono, "Analisa dan Perancangan Sistem Informasi Akademik Akademi Komunitas Negeri Pacitan Menggunakan Diagram UML dan EER," *J. Ilm. Teknol. Inf. Asia*, vol. 16, no. 1, p. 45, 2022, doi: 10.32815/jitika.v16i1.650.
- [49] "Understanding NLP Algorithms: The Masked Language Model | Coursera." Accessed: Nov. 30, 2024. [Online]. Available: <https://www.coursera.org/articles/masked-language-model>
- [50] "GitHub - google-research/bert: TensorFlow code and pre-trained models for BERT." Accessed: Nov. 30, 2024. [Online]. Available: <https://github.com/google-research/bert>
- [51] J. Devlin, M.-W. Chang, K. Lee, K. T. Google, and A. I. Language, "BERT: Pre-training of Deep Bidirectional Transformers for Language Understanding," *Naacl-Hlt 2019*, no. Mlm, pp. 4171–4186, 2018, [Online]. Available: <https://aclanthology.org/N19-1423.pdf>

- [52] S. Wu *et al.*, “Retrieval-Augmented Generation for Natural Language Processing: A Survey,” 2024, [Online]. Available: <http://arxiv.org/abs/2407.13193>
- [53] “Applications for Python | Python.org.” Accessed: Nov. 07, 2024. [Online]. Available: <https://www.python.org/about/apps/>
- [54] “Welcome to Flask — Flask Documentation (3.0.x).” Accessed: Nov. 07, 2024. [Online]. Available: <https://flask.palletsprojects.com/en/stable/>
- [55] “Laravel - The PHP Framework For Web Artisans.” Accessed: Nov. 07, 2024. [Online]. Available: <https://laravel.com/>
- [56] “MySQL.” Accessed: Nov. 07, 2024. [Online]. Available: <https://www.mysql.com/>
- [57] “SQLAlchemy - The Database Toolkit for Python.” Accessed: Nov. 07, 2024. [Online]. Available: <https://www.sqlalchemy.org/>
- [58] “API Reference - OpenAI API.” Accessed: Nov. 07, 2024. [Online]. Available: <https://platform.openai.com/docs/api-reference/authentication>
- [59] O. O. Okesola, “Data Mining Methodology and Its Application To Life Insurance,” 2021.
- [60] M. M. Ghazal and A. Hammad, “Application of knowledge discovery in database (KDD) techniques in cost overrun of construction projects,” *Int. J. Constr. Manag.*, vol. 22, no. 9, pp. 1632–1646, 2022, doi: 10.1080/15623599.2020.1738205.
- [61] A. Gupta, “Comparative Study of Different SDLC Models,” *Int. J. Res. Appl. Sci. Eng. Technol.*, vol. 9, no. 11, pp. 73–80, 2021, doi: 10.22214/ijraset.2021.38736.
- [62] Maryani, H. Prabowo, F. L. Gaol, and A. N. Hidayanto, “Comparison of the System Development Life Cycle and Prototype Model for Software Engineering,” *Int. J. Emerg. Technol. Adv. Eng.*, vol. 12, no. 4, pp. 155–162, 2022, doi: 10.46338/ijetae0422_19.
- [63] H. J. Christanto and Y. A. Singgalen, “Analysis and Design of Student Guidance Information System through Software Development Life Cycle (SDLC) dan Waterfall Model,” *J. Inf. Syst. Informatics*, vol. 5, no. 1, pp. 259–270, 2023, doi: 10.51519/journalisi.v5i1.443.
- [64] O. E. Olorunshola and F. N. Ogwueleka, “Review of System Development Life Cycle (SDLC) Models for Effective Application Delivery BT - Information and Communication Technology for Competitive Strategies (ICTCS 2020),” A. Joshi, M. Mahmud, R. G. Ragel, and N. V Thakur, Eds., Singapore: Springer Singapore, 2022, pp. 281–289.
- [65] “BERT.” Accessed: Nov. 21, 2024. [Online]. Available: https://huggingface.co/docs/transformers/en/model_doc/bert
- [66] A. Berrajaa, “Natural Language Processing for the Analysis Sentiment using a LSTM Model,” *Int. J. Adv. Comput. Sci. Appl.*, vol. 13, no. 5, pp. 777–785, 2022, doi: 10.14569/IJACSA.2022.0130589.
- [67] “Documentation for Visual Studio Code.” Accessed: Nov. 21, 2024. [Online]. Available: <https://code.visualstudio.com/docs>
- [68] “Atom.” Accessed: Nov. 21, 2024. [Online]. Available: <https://atom-editor.cc/>
- [69] “The web framework for perfectionists with deadlines | Django.” Accessed: Nov. 21, 2024. [Online]. Available: <https://www.djangoproject.com/>
- [70] “Welcome to Flask — Flask Documentation (3.1.x).” Accessed: Nov. 21, 2024. [Online]. Available: <https://flask.palletsprojects.com/en/stable/>
- [71] “About SQLite.” Accessed: Nov. 21, 2024. [Online]. Available: <https://www.sqlite.org/about.html>