

Daftar Pustaka

- Abdellahoum, H., Mokhtari, N., Brahimi, A., and Boukra, A. (2021). Csfcm: An improved fuzzy c-means image segmentation algorithm using a cooperative approach. *Expert Systems with Applications*, 166:114063.
- Amadmade (2018). Tarif mrt jakarta: Begini perhitungannya. *Kompasiana*. Diakses pada 16 Januari 2025.
- Badan Pusat Statistik (2021). Penduduk, Laju Pertumbuhan Penduduk, Distribusi Persentase Penduduk, Kepadatan Penduduk, Rasio Jenis Kelamin Penduduk Menurut Provinsi, 2024. Accessed: Oct. 26, 2024.
- Badan Pusat Statistik Provinsi DKI Jakarta (2024). Jumlah Kendaraan Bermotor Menurut Kabupaten/Kota dan Jenis Kendaraan di Provinsi DKI Jakarta (unit), 2024.
- Boulaajoul, M. and Aknin, N. (2019). The role of the clusters analysis techniques to determine the quality of the content wiki. *International Journal of Emerging Technologies in Learning (iJET)*, 14(01):150–158.
- Chen, Z., Liu, L., Qi, X., and Geng, J. (2016). Digital mining technology-based teaching mode for mining engineering. *International Journal of Emerging Technologies in Learning (iJET)*, 11(10):47–52.
- Feng, H., Chen, Y., Wu, J., Zhao, Z., Wang, Y., and Wang, Z. (2023). Urban rail transit station type identification based on “passenger flow—land use—job-housing”. *Sustainability*, 15(20).
- Firdaus, H., Nugraha, A., Sasmito, B., and Awaluddin, M. (2021). Perbandingan metode fuzzy c-means dan k-means untuk pemetaan daerah rawan kriminalitas di kota semarang. *Elipsoida : Jurnal Geodesi dan Geomatika*, 4(01):58–64.
- Gardner, C. B., Nielsen, S. D., Eltved, M., Rasmussen, T. K., Nielsen, O. A., and Nielsen, B. F. (2021). Calculating conditional passenger travel time distributions in mixed schedule- and frequency-based public transport networks using markov chains. *Transportation Research Part B: Methodological*, 152:1–17.

- Gavira-Durón, N., Gutierrez-Vargas, O., and Cruz-Aké, S. (2021a). Markov chain k-means cluster models and their use for companies' credit quality and default probability estimation. *Mathematics*, 9(8).
- Gavira-Durón, N., Gutierrez-Vargas, O., and Cruz-Aké, S. (2021b). Markov chain k-means cluster models and their use for companies' credit quality and default probability estimation. *Mathematics*, 9(8).
- Guevara, J., Hirata, R., and Canu, S. (2017). Cross product kernels for fuzzy set similarity. In *2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)*, pages 1–6.
- Hogg, D. W. and Foreman-Mackey, D. (2018). Data analysis recipes: Using markov chain monte carlo*. *The Astrophysical Journal Supplement Series*, 236(1):11.
- Ibrahim, A. N. H. and Borhan, M. N. (2020). The interrelationship between perceived quality, perceived value and user satisfaction towards behavioral intention in public transportation: A review of the evidence. *International Journal on Advanced Science, Engineering and Information Technology*, 10(5):2048–2056.
- Januzaj, Y., Beqiri, E., and Luma, A. (2023). Determining the optimal number of clusters using silhouette score as a data mining technique. *International Journal of Online and Biomedical Engineering (iJOE)*, 19(04):174–182.
- Kilani, B. H. (2023). K-means clustering algorithms in urban studies: A review of unsupervised machine learning techniques. *Journal of Urban Design and Planning*, 2023.
- Krasnov, D., Davis, D., Malott, K., Chen, Y., Shi, X., and Wong, A. (2023). Fuzzy c-means clustering: A review of applications in breast cancer detection. *Entropy*, 25(7).
- Manik, T., Rahayu, W., and Fathonah, R. (2023). Perbandingan metode fuzzy c-cmeans dan k-means clustering pada data penggunaan obat di r.s national hospital surabaya. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 7:591–597.
- Masyhudi, M. F. A. (2012). Pemodelan proses markov dan pengambilan keputusan statistika (judul tidak lengkap, perlu dikoreksi). Master's thesis, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Indonesia, Depok. Supervisor: Alhadi Bustamam; Examiners: Bevina Desjwiandra Handari, Gatot Fatwanto Hertono, Frederik Moses Poyk.

- Messaoud, S., Bradai, A., Bukhari, S. H. R., Quang, P. T. A., Ahmed, O. B., and Atri, M. (2020). A survey on machine learning in internet of things: Algorithms, strategies, and applications. *Internet of Things*, 12:100314.
- MRT Jakarta (2020). GROWING IN SUSTAINABILITY Bertumbuh dalam Keberlanjutan Sustainability Report.
- MRT Jakarta (2024). MRT Jakarta Fase 2A Dukung Pengembangan Kawasan Kota Tua. Accessed: Dec. 19, 2024.
- Omer, A. S., Yemer, T. A., and Woldegebreal, D. H. (2022). Hybrid k-mean clustering and markov chain for mobile network accessibility and retainability prediction. *Engineering Proceedings*, 18(1).
- Padmanabhan, V. and Nirmala, S. (2023). Predictability of total revenue in global large companies from financial and economic parameters. *International Development Planning Review*, 22:862.
- PT MRT Jakarta (Perseroda) (2023). *Annual Report 2023: Rise to The Challenge, Bangkit Menghadapi Tantangan*. PT MRT Jakarta (Perseroda), Jakarta, Indonesia. Laporan Tahunan.
- PT MRT Jakarta (Perseroda) (2025). Sepanjang Januari 2025, 114 Ribu Pelanggan Naik MRT Jakarta Setiap Hari. <https://jakartamrt.co.id/id/info-terkini/sepanjang-januari-2025-114-ribu-pelanggan-naik-mrt-jakarta-setiap-hari>. Diakses 26 Juni 2025.
- Rahakbauw, D. L., Ilwaru, V. Y. I., and Hahury, M. H. (2017). Implementasi fuzzy c-means clustering dalam penentuan beasiswa. *Barekeng*, 11(1):1–12.
- Ratnawati, E. (2021). Mrt as an alternative transportation solution which is environmentally friendly and traffic jam free in jakarta. *IOP Conference Series: Earth and Environmental Science*, 819(1):012040.
- Razid, L. A. (2018). Prediksi curah hujan menggunakan rantai markov untuk perencanaan musim tanam tanaman pangan. Master's thesis, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia. Program Magister, Departemen Matematika, Fakultas Matematika, Komputasi, dan Sains Data.
- Salihoun, M. (2020). State of art of data mining and learning analytics tools in higher education. *International Journal of Emerging Technologies in Learning (iJET)*, 15(21):58–76.

- Sharma, D., Thulasiraman, K., Wu, D., et al. (2019). A network science-based k-means++ clustering method for power systems network equivalence. *Computational Social Networks*, 6(1):4.
- Suyal, M. and Sharma, S. (2024). A review on analysis of k-means clustering machine learning algorithm based on unsupervised learning. *Journal of Artificial Intelligence and Systems*, 6:85–95.
- Thakur, P. S., Verma, R., and Tiwari, R. (2024). Analysis of time complexity of k-means and fuzzy c-means clustering algorithm. *Engineering Mathematics Letters*.
- Van Dongen, S. (2008). Graph clustering via a discrete uncoupling process. *SIAM Journal on Matrix Analysis and Applications*, 30(1):121–141.
- Vania, P. and Sari, B. N. (2023). Perbandingan metode elbow dan silhouette untuk penentuan jumlah klaster yang optimal pada clustering produksi padi menggunakan algoritma kmeans. *Zenodo*.
- Weygandt, J. J., Kimmel, P. D., and Kieso, D. E. (2015). *Financial Accounting: IFRS*. Wiley, Asia, 3rd edition. Includes index.
- Whitfield, R. and Duffy, A. (2013). Extended revenue forecasting within a service industry. *International Journal of Production Economics*, 141:505–518.
- Wiharto, W. and Suryani, E. (2020). The comparison of clustering algorithms k-means and fuzzy c-means for segmentation retinal blood vessels. *Acta Informatica Medica*, 28:42.
- Wilks, D. S. (2019). Chapter 10 - time series. In Wilks, D. S., editor, *Statistical Methods in the Atmospheric Sciences (Fourth Edition)*, pages 485–550. Elsevier, fourth edition edition.
- Wulandari, L. and Yogantara, B. (2022). Algorithm analysis of k-means and fuzzy c-means for clustering countries based on economy and health. *Faktor Exacta*, 15.
- Yuhui, P., Zhuang, Y., and Yang, Y. (2019). A driving cycle construction methodology combining k-means clustering and markov model for urban mixed roads. *Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering*, 234:095440701984887.