

## DAFTAR PUSTAKA

- Alfina, I., Manurung, R., & Fanany, M. I. (2017). DBpedia entities expansion in automatically building dataset for Indonesian NER. *2016 International Conference on Advanced Computer Science and Information Systems, ICACSYS 2016*, 335–340.  
<https://doi.org/10.1109/ICACSYS.2016.7872784>
- Alonso-Lorenzo, J., Costa-Montenegro, E., & Fernandez-Gavilanes, M. (2016). Language independent big-data system for the prediction of user location on Twitter. *Proceedings - 2016 IEEE International Conference on Big Data, Big Data 2016*, 2437–2446.  
<https://doi.org/10.1109/BigData.2016.7840880>
- Athuraliya, C., Gunasekara, M., Perera, S., & Suhothayan, S. (2015). Real-time natural language processing for crowdsourced road traffic alerts. *Proceedings - 2015 Fifteenth International Conference on Advances in ICT for Emerging Regions (ICTer)*, 58-62.  
<https://doi.org/10.1109/ICTER.2015.7377667>
- Aziz, M. V., Prihatmanto, A. S., Henriyan, D., & Wijaya, R. (2015). Design and implementation of natural language processing with syntax and semantic analysis for extract traffic conditions from social media data. *Proceedings - 2015 5th IEEE International Conference on System Engineering and Technology (ICSET)*, 43-48.  
<https://doi.org/10.1109/ICSEngT.2015.7412443>
- Aryoyudanta, B., Adji, T., & Hidayah, I. (2016). *Semi-supervised learning approach for Indonesian Named Entity Recognition (NER) using co-training algorithm*. <https://doi.org/10.1109/ISITIA.2016.7828624>
- Backstrom, L., Sun, E., & Marlow, C. (2010). Find me if you can: Improving geographical prediction with social and spatial proximity. *Proceedings of the 19th International Conference on World Wide Web, WWW '10*, 61–70. <https://doi.org/10.1145/1772690.1772698>
- Bird, S., Klein, E., & Loper, E. (2009). *Natural Language Processing with Python* (J. Steele, Ed.). O'Reilly Media.
- Blum, A., & Mitchell, T. (1998). Combining labeled and unlabeled data with co-training. *Proceedings of the Annual ACM Conference on Computational Learning Theory*, 92–100.  
<https://doi.org/10.1145/279943.279962>
- Chen, Po-Ta, Chen, , & Qian, Z. (2014) “Road Traffic Congestion Monitoring in Social Media with Hinge-Loss Markov Random Fields.” *2014 IEEE*

International Conference on Data Mining, IEEE, Dec. 2014. 80-89.  
<https://doi.org/10.1109/icdm.2014.139>.

Cheng, Z., Caverlee, J., & Lee, K. (2010). You are where you tweet: A content-based approach to geo-locating Twitter users. *International Conference on Information and Knowledge Management, Proceedings*, 759–768. <https://doi.org/10.1145/1871437.1871535>

Chi, L., Lim, K. H., Alam, N., & Butler, C. J. (2016). Geolocation Prediction in Twitter Using Location Indicative Words and Textual Features. *Proceedings of the 2nd Workshop on Noisy User-Generated Text (WNUT'16)*, 227–234.

Darnstädt, M., Simon, H. U., & Szörényi, B. (2014). Supervised learning and Co-training. *Theoretical Computer Science*, 519(Daad 50751924), 68–87. <https://doi.org/10.1016/j.tcs.2013.09.020>

Dinakaramani, A., Rashel, F., Luthfi, A., & Manurung, R. (2014). Designing an Indonesian part of speech tagset and manually tagged Indonesian corpus. *2014 International Conference on Asian Language Processing, IALP, Kuching, Malaysia, October 20-22, 2014*, 66–69. <https://doi.org/10.1109/IALP.2014.6973519>

Ebrahimi, M., ShafieiBavani, E., Wong, R., & Chen, F. (2019). A Unified Neural Network Model for Geolocating. *CoNLL*, 42–53. <https://doi.org/10.18653/v1/k18-1005>

Endarnoto, S. K., Sonny, P., Anto, S. N., dan James, P. (2011). *Traffic Condition Information Extraction & Visualization from Social Media Twitter for Android Mobile Application*.

Jaiswal, A., Peng, W., & Sun, T. (2013). Predicting time-sensitive user locations from social media. <https://doi.org/10.1145/2492517.2500229>

Klabunde, R. (2002). Daniel Jurafsky/James H. Martin: Speech and Language Processing. An Introduction to Natural Language Processing, Computational Linguistics, and Speech Recognition. *Zeitschrift Fur Sprachwissenschaft*, 21(1), 134–135. <https://doi.org/10.1515/zfsw.2002.21.1.134>

Laylavi, F., Rajabifard, A., & Kalantari, M. (2016). A multi-element approach to location inference of Twitter: A case for emergency response. *ISPRS International Journal of Geo-Information*, 5(5), 1–16. <https://doi.org/10.3390/ijgi5050056>

Lee, K., Ganti, R. K., Srivatsa, M., & Liu, L. (2014). When twitter meets foursquare: Tweet location prediction using foursquare. *MobiQuitous 2014 - 11th International Conference on Mobile and Ubiquitous Systems*:

*Computing, Networking and Services*, 198–207.  
<https://doi.org/10.4108/icst.mobiquitous.2014.258092>

Leonandya, R. A., Distiawan, B., & Praptono, N. H. (2016). A Semi-supervised Algorithm for Indonesian Named Entity Recognition. *Proceedings - 2015 3rd International Symposium on Computational and Business Intelligence, ISCBI 2015, December 2015*, 45–50. <https://doi.org/10.1109/ISCBI.2015.15>

Muhammad Nur Yasir Utomo. (2002). *Prediksi Geolokasi Berbasis Teks untuk Data Media Sosial Berbahasa Indonesia Menggunakan Named Entity Extraction*. 1–25.

Rahimi, A., Cohn, T., & Baldwin, T. (2015). Twitter user geolocation using a unified text and network prediction model. *ACL-IJCNLP 2015 - 53rd Annual Meeting of the Association for Computational Linguistics and the 7th International Joint Conference on Natural Language Processing of the Asian Federation of Natural Language Processing, Proceedings of the Conference*, 2, 630–636.

Shabat, H., Omar, N., & Rahem, K. (2014). *Named Entity Recognition in Crime Using Machine Learning Approach* (pp. 280–288). [https://doi.org/10.1007/978-3-319-12844-3\\_24](https://doi.org/10.1007/978-3-319-12844-3_24)

Shekhar, H., Setty, S., & Mudenagudi, U. (2016). Vehicular traffic analysis from social media data. *2016 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2016, June 2018*, 1628–1634. <https://doi.org/10.1109/ICACCI.2016.7732281>

Thomas, P., & Hennig, L. (2018). Twitter geolocation prediction using neural networks. *Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 10713 LNAI*, 248–255. [https://doi.org/10.1007/978-3-319-73706-5\\_21](https://doi.org/10.1007/978-3-319-73706-5_21)

Tiwari, D., Bhati, B. S., Al-Turjman, F., & Nagpal, B. (2022). Pandemic coronavirus disease (Covid-19): World effects analysis and prediction using machine-learning techniques. *Expert Systems*, 39(3). <https://doi.org/10.1111/exsy.12714>

Utomo, M. N. Y., Adji, T. B., & Ardiyanto, I. (2018). Geolocation prediction in social media data using text analysis: A review. *2018 International Conference on Information and Communications Technology, ICOIACT 2018, 2018-Janua*, 84–89. <https://doi.org/10.1109/ICOIACT.2018.8350674>

Wibowo, Arief, Edi Winarko, dan Azhari Azhari. (2017). *Predicting The Road Traffic Density Based On Twitter Using The Tr-P Method*, Zenodo (Zenodo).



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perbandingan metode named entity recognition untuk prediksi geolokasi informasi lalu lintas di media sosial

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Universitas Gadjah Mada, 2023 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Wicaksono, A., Winarko, E. & Azhari. (2014). *HMM Based Part-of-Speech Tagger for Bahasa Indonesia* HMM Based Part-of-Speech Tagger for Bahasa Indonesia. January 2010.

Williams, E., Gray, J., & Dixon, B. (2017). Improving geolocation of social media posts. *Pervasive and Mobile Computing*, 36, 68–79.  
<https://doi.org/10.1016/j.pmcj.2016.09.015>