

REFERENCES

- [1] O. “Twitter: Number of users in indonesia 2019,” Statista, [Online]. Available: <https://www.statista.com/statistics/490548/twitter-users-indonesia/> (visited on 12/18/2020).
- [2] W. G. Parrott, “Emotions in social psychology: Essential readings,” in *2001 New York, NY, US: Psychology Press*, 2001.
- [3] T. Daouas and H. Lejmi, “Emotions recognition in an intelligent elearning environment,” *Interactive Learning Environments*, vol. 26, no. 8, pp. 991–1009, 2018.
- [4] M. S. Saputri, R. Mahendra, and M. Adriani, “Emotion classification on indonesian twitter dataset,” in *2018 International Conference on Asian Language Processing (IALP)*, 2018.
- [5] J. Herzig, M. Shmueli-Scheuer, and D. Konopnicki, “Emotion detection from text via ensemble classification using word embeddings,” Oct. 1, 2017, pp. 269–272. DOI: 10.1145/3121050.3121093.
- [6] T. Huynh and A. Le, “Integrating grammatical features into cnn model for emotion classification,” in *2018 5th NAFOSTED Conference on Information and Computer Science (NICS)*, 2018, pp. 243–249.
- [7] A. Bandhakavi, N. Wiratunga, D. Padmanabhan, and S. Massie, “Lexicon based feature extraction for emotion text classification,” *Pattern Recognition Letters*, Pattern Recognition Techniques in Data Mining, vol. 93, pp. 133–142, Jul. 1, 2017, ISSN: 0167-8655. DOI: 10.1016/j.patrec.2016.12.009. [Online]. Available: <http://www.sciencedirect.com/science/article/pii/S0167865516303567> (visited on 01/29/2021).
- [8] P. Vora, M. Khara, and K. Kelkar, “Classification of tweets based on emotions using word embedding and random forest classifiers,” *International Journal of Computer Applications*, vol. 178, pp. 1–7, Nov. 15, 2017. DOI: 10.5120/ijca2017915773.
- [9] N. M. Hakak, M. Mohd, M. Kirmani, and M. Mohd, “Emotion analysis: A survey,” in *2017 International Conference on Computer, Communications and Electronics (Comptelix)*, 2017, pp. 397–402.
- [10] A. Z. Arifin, Y. Arum Sari, Y. Arifin, E. Sari, Ratnasari, and S. Mutrofin, “Emotion detection of tweets in indonesian language using non-negative matrix factorization,” *International Journal of Intelligent Systems and Applications*, vol. 09, pp. 54–61, Aug. 8, 2014. DOI: 10.5815/ijisa.2014.09.07.
- [11] A. R. Atmadja and A. Purwarianti, “Comparison on the rule based method and statistical based method on emotion classification for indonesian twitter text,” in *2015 International Conference on Information Technology Systems and Innovation (ICITSI)*, Nov. 2015, pp. 1–6. DOI: 10.1109/ICITSI.2015.7437692.
- [12] T. Mikolov, G. Corrado, K. Chen, and J. Dean, “Efficient estimation of word representations in vector space,” Jan. 1, 2013, pp. 1–12.
- [13] O. “Python for NLP: Working with facebook FastText library,” Stack Abuse, [Online]. Available: <https://stackabuse.com/python-for-nlp-working-with-facebook-fasttext-library/> (visited on 12/17/2020).
- [14] I. Goodfellow, Y. Bengio, and A. Courville, *Deep Learning*. MIT Press, 2016, <http://www.deeplearningbook.org>.
- [15] S. Sena, *Pengenalan deep learning part 7 : Convolutional neural network (cnn)*. <https://medium.com/@samuelsena/pengenalan-deep-learning-part-7-convolutional-neural-network-\\-cnn-b003b477dc94,2018>.
- [16] Suyanto, *Machine learning tingkat dasar dan lanjut*. bandung:informatika, 2018.
- [17] S. Patil, A. Gune, and M. Nene, “Convolutional neural networks for text categorization with latent semantic analysis,” in *2017 International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS)*, 2017, pp. 499–503.
- [18] K. P. Danikusumo, “Implementasi deep learning menggunakan convolutional neural network untuk klasifikasi citra candi berbasis gpu,” 2017.
- [19] S. Sharma, *Activation functions in neural networks*, <http://www.towardsdatascience.com/activation-functions-neural-networks-1cbd9f8d91d6>, 14 Feb. 2019.
- [20] P. Bojanowski, E. Grave, A. Joulin, and T. Mikolov, “Enriching word vectors with subword information,” *Transactions of the Association for Computational Linguistics*, vol. 5, Jul. 15, 2016. DOI: 10.1162/tacl_a_00051.
- [21] O. “UKARA: Building word2vec 100 indonesia,” [Online]. Available: <https://kaggle.com/ilhamfp31/ukara-building-word2vec-100-indonesia> (visited on 12/17/2020).