

## REFERENCES

- Aharonson, V., Nooy, A. de, Bulkin, S., Sessel, G., 2020, Automated Classification of Depression Severity Using Speech: A Comparison of Two Machine Learning Architectures, *2020 IEEE International Conference on Healthcare Informatics*.
- Almouzini, S., Alageel, A., Khemakhem, M., 2019, Detecting Arabic Depressed Users from Twitter, *Procedia Computer Science* 163.
- Alsagri, H., Ykhlef, M., 2020, Machine Learning-based Approach for Depression Detection in Twitter Using Content and Activity Features, *Social and Information Networks*.
- Azhar, K., Murtaza, F., Yousaf, M.H., Habib, H.A., 2016, Computer vision based detection and localization of potholes in asphalt pavement images. *Canadian Conference on Electrical and Computer Engineering*, pp. 1–5.
- Camacho-Collados, J., Pilehvar, M.T., 2018, On the Role of Text Preprocessing in Neural Network Architectures: An Evaluation Study on Text Categorization and Sentiment Analysis, *2018 EMNLP Workshop BlackboxNLP*, pp. 40–46.
- Cao, W., Mirjalili, V., Raschka, S., 2020, Rank consistent ordinal regression for neural networks with application to age estimation, *Pattern Recognition Letters* 140, pp. 325–331.
- Chandra, D., Rajarajeswarei, S., 2019, An Optimized Hybrid Neural Network Model for Detecting Depression among Twitter Users, *International Journal of Innovative Technology and Exploring Engineering* 8.
- Dattani, S., Ritchie, H., Roser, M., 2021, Mental Health, *Our World in Data*.
- Gaudette, L., Japkowicz, N., 2009, Evaluation Methods for Ordinal Classification, *Canadian Conference on Artificial Intelligence*, pp. 207–210.
- Geron, A., 2019, *Hands-on Machine Learning with Scikit-Learn, Keras, and TensorFlow*, 2nd ed., O'Reilly Media.
- Hochreiter, S., Schmidhuber, J., 1997, Long Short-Term Memory, *Neural Computation*, pp. 1735–1780.

- Huba, Y., Konopkina, L., Pertseva, T., 2014, Comparison of Diagnostic Value of Patient Health Questionnaire 9 (PHQ-9) and Beck Depression Inventory (BDI) Questionnaire for Preliminary Diagnosing of Depression in COPD Patients, *European Respiratory Journal* 44.
- Indrayani, Y., Wahyudi, T., 2019. *Info Datin 2018*. Kementerian Kesehatan Republik Indonesia.
- Jain, S., Narayan, S.P., Dewang, R.K., Bhartiya, U., Meena, N., Kumar, V., 2019. A Machine Learning based Depression Analysis and Suicidal Ideation Detection System using Questionnaires and Twitter, *2019 IEEE Students Conference on Engineering and Systems*.
- Jurafsky, D., Manning, C., 2012. *Natural Language Processing*.
- Keskar, N.S., Nocedal, J., Tang, P.T.P., Mudigere, D., Smelyanskiy, M., 2016, On Large-Batch Training for Deep Learning: Generalization Gap and Sharp Minima, *5th International Conference on Learning Representations*.
- Orabi, A.H., Buddhitha, P., Orabi, M.H., Inkpen, D., 2018, Deep Learning for Depression Detection of Twitter Users, *5<sup>th</sup> Workshop on Computational Linguistics and Clinical Psychology*, New Orleans, June 2018.
- Saxena, A., 2018, A Semantically Enhanced Approach to Identify Depression-Indicative Symptoms Using Twitter Data, *Dissertations*, Computer Science and Engineering Department, Wright State University, Ohio.
- Tsugawa, S., Kikuchi, Y., Kishino, F., Nakajima, K., Itoh, Y., Ohsaki, H., 2015, Recognizing Depression from Twitter Activity. *Conference on Human Factors in Computing*, pp. 3187–3196.
- Yu, T., Zhu, H., 2020. Hyper-Parameter Optimization: A Review of Algorithms and Applications. *Machine Learning in Computer Science ARXIV*.