

## References

- [1] S. E. Page, R. Wüst, D. Weiss, J. O. Rieley, W. Shotyk, and S. H. Limin, "A record of late pleistocene and holocene
- [2] carbon accumulation and climate change from an equatorial peat bog (kalimantan, indonesia): implications for past, present and future carbon dynamics," *Journal of Quaternary Science*, vol. 19, no. 7, pp. 625–635, 2004. [2] F. Nhita et al., "A rainfall forecasting using fuzzy system based on genetic algorithm," in *Information and Communication Technology (ICoICT)*, 2013 International Conference of. IEEE, 2013, pp. 111–115.
- [3] [3] A. Klein Tank, J. Wijngaard, G. Können, R. Böhm, G. Demarée, A. Gocheva, M. Mileta, S. Pashiardis, L. Hejkrlik, C. Kern-Hansen et al., "Daily dataset of 20th-century surface air temperature and precipitation series for the european climate assessment," *International Journal of Climatology: A Journal of the Royal Meteorological Society*, vol. 22, no. 12, pp. 1441–1453, 2002.
- [4] J. Priyana and A. M. Abadi, "Peramalan suhu udara di yogyakarta dengan menggunakan model fuzzy." *Prosiding Seminar Nasional Penelitian, Pendidikan dan Penerapan MIPA: Fakultas MIPA Universitas Negeri Yogyakarta*, 2011.
- [5] C. O. Alm, D. Roth, and R. Sproat, "Emotions from text: machine learning for text-based emotion prediction," in *Proceedings of the conference on human language technology and empirical methods in natural language processing*. Association for Computational Linguistics, 2005, pp. 579–586.
- [6] H. Nielsen, S. Brunak, and G. von Heijne, "Machine learning approaches for the prediction of signal peptides and other protein sorting signals," *Protein engineering*, vol. 12, no. 1, pp. 3–9, 1999.
- [7] P. M. Ferreira, E. Faria, and A. Ruano, "Neural network models in greenhouse air temperature prediction," *Neurocomputing*, vol. 43, no. 1-4, pp. 51–75, 2002.
- [8] B. A. Smith, R. W. McClendon, and G. Hoogenboom, "Improving air temperature prediction with artificial neural networks," *International Journal of Computational Intelligence*, vol. 3, no. 3, pp. 179–186, 2006.
- [9] C. Inard, H. Bouia, and P. Dalicieux, "Prediction of air temperature distribution in buildings with a zonal model," *Energy and buildings*, vol. 24, no. 2, pp. 125–132, 1996.
- [10] H. Swaid and M. E. Hoffman, "Prediction of urban air temperature variations using the analytical cttc model," *Energy and Buildings*, vol. 14, no. 4, pp. 313–324, 1990.
- [11] R. F. Chevalier, G. Hoogenboom, R. W. McClendon, and J. A. Paz, "Support vector regression with reduced training sets for air temperature prediction: a comparison with artificial neural networks," *Neural Computing and Applications*, vol. 20, no. 1, pp. 151–159, 2011.
- [12] S. Hochreiter and J. Schmidhuber, "Long short-term memory," *Neural computation*, vol. 9, no. 8, pp. 1735–1780, 1997.

- [13] A. Graves, N. Jaitly, and A.-r. Mohamed, "Hybrid speech recognition with deep bidirectional lstm," in Automatic Speech Recognition and Understanding (ASRU), 2013 IEEE Workshop on. IEEE, 2013, pp. 273–278.
- [14] A. Graves and J. Schmidhuber, "Offline handwriting recognition with multidimensional recurrent neural networks," in Advances in neural information processing systems, 2009, pp. 545–552.
- [15] I. Sutskever, J. Martens, and G. E. Hinton, "Generating text with recurrent neural networks," in Proceedings of the 28th International Conference on Machine Learning (ICML-11), 2011, pp. 1017–1024.
- [16] O. Vinyals, A. Toshev, S. Bengio, and D. Erhan, "Show and tell: A neural image caption generator," in Proceedings of the IEEE conference on computer vision and pattern recognition, 2015, pp. 3156–3164.
- [17] I. Sutskever, O. Vinyals, and Q. V. Le, "Sequence to sequence learning with neural networks," in Advances in neural information processing systems, 2014, pp. 3104– 3112.
- [18] Y. LeCun, Y. Bengio, and G. Hinton, "Deep learning," nature, vol. 521, no. 7553, p. 436, 2015.
- [19] A. Graves and J. Schmidhuber, "Framewise phoneme classification with bidirectional lstm and other neural network architectures," Neural Networks, vol. 18, no. 5-6, pp. 602– 610, 2005.
- [20] H. Sak, A. Senior, and F. Beaufays, "Long short-term memory based recurrent neural network architectures for large vocabulary speech recognition," arXiv preprint arXiv:1402.1128, 2014.
- [21] W. Zaremba, I. Sutskever, and O. Vinyals, "Recurrent neural network regularization," arXiv preprint arXiv:1409.2329, 2014.
- [22] A. Geron, Hands-on machine learning with Scikit-Learn and TensorFlow: concepts, tools, and techniques to build intelligent systems. " O'Reilly Media, Inc.", 2017.
- [23] S. Hochreiter, Y. Bengio, P. Frasconi, J. Schmidhuber et al., "Gradient flow in recurrent nets: the difficulty of learning long-term dependencies," 2001.
- [24] J. Han, J. Pei, and M. Kamber, Data mining: concepts and techniques. Elsevier, 2011.
- [25] M. Berry and G. Linoff, Mastering data mining: The art and science of customer relationship management. John Wiley & Sons, Inc., 1999.
- [26] Z. Liu and C. J. Sullivan, "Prediction of weather induced background radiation fluctuation with recurrent neural networks," Radiation Physics and Chemistry, 2018.
- [27] A. Graves, "Generating sequences with recurrent neural networks," arXiv preprint arXiv:1308.0850, 2013.