**References**

Amasyali, K. and El-Gohary, N.M., 2018. A review of data-driven building energy consumption prediction studies. *Renewable and Sustainable Energy Reviews*, *81*, pp.1192-1205.

Berriel, R.F., Lopes, A.T., Rodrigues, A., Varejao, F.M. and Oliveira-Santos, T., 2017, May. Monthly energy consumption forecast: A deep learning approach. In *2017 International Joint Conference on Neural Networks (IJCNN)* (pp. 4283-4290). IEEE.

Deb, C., Zhang, F., Yang, J., Lee, S.E. and Shah, K.W., 2017. A review on time series forecasting techniques for building energy consumption. *Renewable and Sustainable Energy Reviews*, *74*, pp.902-924.

Ding, Z., Chen, W., Hu, T. and Xu, X., 2021. Evolutionary double attention-based long short-term memory model for building energy prediction: Case study of a green building. *Applied Energy*, *288*, p.116660.

Heidari, A. and Khovalyg, D., 2020. Short-term energy use prediction of solar-assisted water heating system: Application case of combined attention-based LSTM and time-series decomposition. *Solar Energy*, *207*, pp.626-639.

Hochreiter, S. and Schmidhuber, J., 1997. Long short-term memory. *Neural computation*, *9*(8), pp.1735-1780.

Kim, T.Y. and Cho, S.B., 2019. Predicting residential energy consumption using CNN-LSTM neural networks. *Energy*, *182*, pp.72-81.

Long, H., Zhang, Z. and Su, Y., 2014. Analysis of daily solar power prediction with data-driven approaches. *Applied Energy*, *126*, pp.29-37.

Olu-Ajayi, R., Alaka, H., Sulaimon, I., Sunmola, F. and Ajayi, S., 2022. Building energy consumption prediction for residential buildings using deep learning and other machine learning techniques. *Journal of Building Engineering*, *45*, p.103406.

Rahman, A., Srikumar, V. and Smith, A.D., 2018. Predicting electricity consumption for commercial and residential buildings using deep recurrent neural networks. *Applied energy*, *212*, pp.372-385.

Seyedzadeh, S., Rahimian, F.P., Rastogi, P. and Glesk, I., 2019. Tuning machine learning models for prediction of building energy loads. *Sustainable Cities and Society*, *47*, p.101484.

Sun, Y., Haghighat, F. and Fung, B.C., 2020. A review of the-state-of-the-art in data-driven approaches for building energy prediction. *Energy and Buildings*, *221*, p.110022.

Troncoso Lora, A., Riquelme Santos, J.M., Riquelme, J.C., Gómez Expósito, A. and Martínez Ramos, J.L., 2003, November. Time-series prediction: Application to the short-term electric energy demand. In *Conference on Technology Transfer* (pp. 577-586). Springer, Berlin, Heidelberg.

Tso, G.K. and Yau, K.K., 2007. Predicting electricity energy consumption: A comparison of regression analysis, decision tree and neural networks. *Energy*, *32*(9), pp.1761-1768.

Tun, Y.L., Thar, K., Thwal, C.M. and Hong, C.S., 2021, January. Federated learning based energy demand prediction with clustered aggregation. In *2021 IEEE International Conference on Big Data and Smart Computing (BigComp)* (pp. 164-167). IEEE.

Wahid, F. and Kim, D., 2016. A prediction approach for demand analysis of energy consumption using k-nearest neighbor in residential buildings. *International Journal of Smart Home*, *10*(2), pp.97-108.

Wang, J.Q., Du, Y. and Wang, J., 2020. LSTM based long-term energy consumption prediction with periodicity. *Energy*, *197*, p.117197.

Yu, Z., Haghighat, F., Fung, B.C. and Yoshino, H., 2010. A decision tree method for building energy demand modeling. *Energy and Buildings*, *42*(10), pp.1637-1646.

FROM JOY

Dane, S. (2019). *ASHRAE - Great Energy Predictor III*. [online] kaggle.com. Available at: https://www.kaggle.com/c/ashrae-energy-prediction/discussion/119261#latest-684102 [Accessed 24 Apr. 2022].

mikulskibartosz (2019). *Forecasting time series: using lag features*. [online] Bartosz Mikulski. Available at: https://www.mikulskibartosz.name/forecasting-time-series-using-lag-features/ [Accessed 24 Apr. 2022].

SagarDhandare (2022). *What Is Encoding? And Its Importance in Data Science!* [online] Medium. Available at: https://medium.datadriveninvestor.com/what-is-encoding-and-its-importance-in-data-science-6a2b0cce8e8e [Accessed 24 Apr. 2022].

Ridolfi, A. (n.d.). *Smoothing Your Data with the Savitzky-Golay Filter and Python – Finxter*. [online] https://blog.finxter.com/. Available at: <https://blog.finxter.com/smoothing-your-data-with-the-savitzky-golay-filter-and-python/>.

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Sources:

<https://www.geeksforgeeks.org/introduction-to-recurrent-neural-network/>

Jiang Su and Harry Zhang, A Fast Decision Tree Learning Algorithm, University of New Brunswick, NB, Canada