**REFERENCES**

1 E. Abrahamsen, O. M. Brastein, and B. Lie, “Machine Learning in Python for Weather Forecast based on Freely Available Weather Data,” Proceedings of The 59th Conference on imulation and Modelling (SIMS 59), 26-28 September 2018, Oslo Metropolitan University, Norway, 2018.

2 M. Holmstrom, D. Liu, and C. Vo, “Machine Learning Applied to Weather Forecasting,” Dec. 2016.

3 J. Refonaa, M. Lakshmi, R. Abbas, and M. Raziullha, “Rainfall Prediction using Regression Model,” International Journal o f Recent Technology and Engineering (IJRTE), vol. 8, no. 2S3, Jul. 2019.

4 S. Gupta, I. K, and G. Singhal, “Weather Prediction Using Normal Equation Method and Linear regression Techniques,” International Journal o f Computer Science and Information Technologies, vol. 7, no. 3, pp. 1490-1493, 2016.

5 S. Gupta, I. K, and G. Singhal, “Weather Prediction Using Normal Equation Method and Linear regression Techniques,” International Journal of Computer Science and Information Technologies, vol. 7, no. 3, pp. 1490-1493, 2016.

6 C. Bishop, Pattern recognition and machine learning. Springer Verlag, 2006.

7 F. Olaiya and A. B. Adeyemo, “Application of Data Mining Techniques in Weather Prediction and Climate Change Studies,” International Journal o f Information Engineering and Electronic Business, vol. 4, no. 1, pp. 51-59, 2012.

8 S. Prabakara, P. N. Kumar, and P. S. M. Tarun, “RAINFALL PREDICTION USING MODIFIED LINEAR REGRESSION,” ARPN Journal of Engineering and Applied Sciences, vol. 12, no. 12, Jun. 2017.

9 S. M. Paras, “A Simple Weather Forecasting Model Using Mathematical Regression,” Indian Research Journal o f Extension Education, vol. 12, pp. 161-168, 2016.

10 W. M. Ridwan, M. Sapitang, A. Aziz, K. F. Kushiar, A. N. Ahmed, and A. El-Shafie, “Rainfall forecasting model using machine learning methods: Case study Terengganu, Malaysia,” Ain Shams Engineering Journal, 2020.

11 Climate Data Online - Select Area. [Online]. Available: https://www7.ncdc.noaa.gov/CDO/cdoselect.cmd. [Accessed: 21-Jan2021].