**REFERENCES**

[1] N. G. Rupp, "Further Investigation into the Causes of Flight Delays," in Department of Economics, East Carolina University, 2007.

[2] "Bureau of Transportation Statistics (BTS) Databases and Statistics," [Online]. Available: <http://www.transtats.bts.gov>.

[3] "Airports Council International, World Airport Traffic Report," 2015,2016.

[4] E. Cinar, F. Aybek, A. Caycar, C. Cetek, "Capacity and delay analysis for airport manoeuvring areas using simulation," Aircraft Engineering and Aerospace Technology, vol. 86, no. No. 1,pp. 43-55, 2013.

[5] Navoneel, et al., Chakrabarty, "Flight Arrival Delay Prediction Using Gradient Boosting Classifier," in Emerging Technologies in Data Mining and Information Security, Singapore, 2019.

[6] Y. J. Kim, S. Briceno, D. Mavris, Sun Choi, "Prediction of weatherinduced airline delays based on machine learning algorithms," in 35th Digital Avionics Systems Conference (DASC), 2016.

[7] W.-d. Cao. a. X.-y. Lin, "Flight turnaround time analysis and delay prediction based on Bayesian Network," Computer Engineering and Design, vol. 5, pp. 1770-1772, 2011.

[8] J. J. Robollo, Hamsa, Balakrishnan, "Characterization and Prediction of Air Traffic Delays".

[9] S. Sharma, H. Sangoi, R. Raut, V. C. Kotak, S. Oza, "Flight Delay Prediction System Using Weighted Multiple Linear Regression," International Journal of Engineering and Computer Science, vol. 4, no. 4, pp. 11668 - 11677, April 2015.

[10] A. M. Kalliguddi, Area K., Leboulluec, "Predictive Modelling of Aircraft Flight Delay," Universal Journal of Management, pp. 485 - 491, 2017.

[11] Noriko, Etani, "Development of a predictive model for on-time arrival fight of airliner by discovering correlation between fight and weather data," 2019.

[12] [Online]. Available: <https://towardsdatascience.com/metrics-toevaluate-your-machine-learning-algorithm-f10ba6e38234>.

[13] C. J. Willmott, Matsuura, "Advantages of the mean absolute error (MAE) over the root mean square(RMSE) in assessing average model performance," Climate Research, vol. 30, no. 1, pp. 79 - 82, 2005.

[14] [Online]. Available: http://scikitlearn.org/stable/modules/classes.html?source=post\_page-- ---f10ba6e38234----------------------#sklearn-metrics-metrics.