















The Bi-LSTM model has the best performance evaluation results, with an overall accuracy of 99.44% and an f1-score of 99.51%. Which of these models performs better than the results of each of the previous models, where the dataset used is simpler than the data used in this study. The results of this study are promising to be applied to the aviation industry because the ADS-B device can be used as a backup radar in monitoring and detecting aircraft movement anomalies. In addition, for future research, the model can be implemented on ADS-B monitoring server to generate reports as material for aircraft technician studies to make decisions about the feasibility of the aircraft on the next flight in preventing and reducing the rate of aircraft accidents. The dataset in this study can be accessed for future comparison studies on the FlightRadar24 community server.

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