STOCK PREDICTION USING RNN - LSTM

Log File:

EXPERIMENT #	PARAMETERS CHOSEN	RESULTS
1.	Train/Test Split ratio = 80:20 No. of Epochs = 10 Learning rate = 0.1 Window size = 50 Hidden layers = 10	Train Data: RMSE: 0.002 MAPE: 13.98 Test Data: RMSE: 13.86 MAPE: 3.74
2.	Train/Test Split ratio = 80:20 No. of Epochs = 25 Learning rate = 0.1 Window size = 50 Hidden layers = 25	Train Data: RMSE: 0.002 MAPE: 15.83 Test Data: RMSE: 12.56 MAPE: 3.44
3.	Train/Test Split ratio = 80:20 No. of Epochs = 50 Learning rate = 0.1 Window size = 50 Hidden layers = 25	Train Data: RMSE: 0.002 MAPE: 16.90 Test Data: RMSE: 15.58 MAPE: 3.86

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