

# Flight Delay Predictor Log File (RNN)

Experiment #	Parameters	Results
1	<b>Hidden Unit Size = 20</b> Learning Rate = 0.001 Epochs = 10 Dataset Size = 10,000 Train/Val/Test Split = 60:20:20 Error Function = MSE	Train Loss: 2043.75 Validation Loss: 1557.03 Test MSE: 2484.54 Test RMSE: 49.85
2	<b>Hidden Unit Size = 10</b> Learning Rate = 0.001 Epochs = 10 Dataset Size = 10,000 Train/Val/Test Split = 60:20:20 Error Function = MSE	Train Loss: 2037.85 Validation Loss: 1544.62 Test MSE: 2465.81 Test RMSE: 49.66
3	<b>Hidden Unit Size = 5</b> Learning Rate = 0.001 Epochs = 10 Dataset Size = 10,000 Train/Val/Test Split = 60:20:20 Error Function = MSE	Train Loss: 2034.76 Validation Loss: 1535.11 Test MSE: 2433.40 Test RMSE: 49.33
4	<b>Hidden Unit Size = 1</b> Learning Rate = 0.001 Epochs = 10 Dataset Size = 10,000 Train/Val/Test Split = 60:20:20 Error Function = MSE	Train Loss: 2017.53 Validation Loss: 1521.22 Test MSE: 2422.08 Test RMSE: 49.21