Models Tried-

1. Naive Bias models**, AUC = 75.43**
2. Ensemble models, **AUC = 67.72**
3. Deep Learning with RNNs, **AUC: 87.67**
4. Deep Learning with **LSTM, AUC: 91.24**
5. Bidirectional LSTM, **AUC: 94.24**

Tuning Methods used:

* Dropout
* Regularizers – rmsprop, adam, adaboost
* Batch normalization
* Batch size, learning rate