

Team 50 Business Proposal

Results:

After training our high-tech state-of-the-art Long Short-Term Memory Network models, we came up with the following predictions for the stock prices of selected companies on 2/15/18:

	Company			
	BAYZF	HON	MMM	SYF
Price on 12/31/18	\$69.50	\$132.12	\$190.54	\$23.46
Predicted price 2/15/19	\$76.90	\$148.94	\$190.84	\$22.98
Change	+\$7.40	+\$16.82	+\$0.30	-\$0.48

Recommendations:

Based on the data, we recommend buying HON and BAYZF. The changes in the price of MMM and SYF are probably too small to make a strong recommendation either way.

It is important to keep in mind that predicting stock prices this far out is not very reliable. When making long-term predictions, we used shorter-term predictions as input. This means that errors made earlier on can compound and can significantly affect the final prediction.