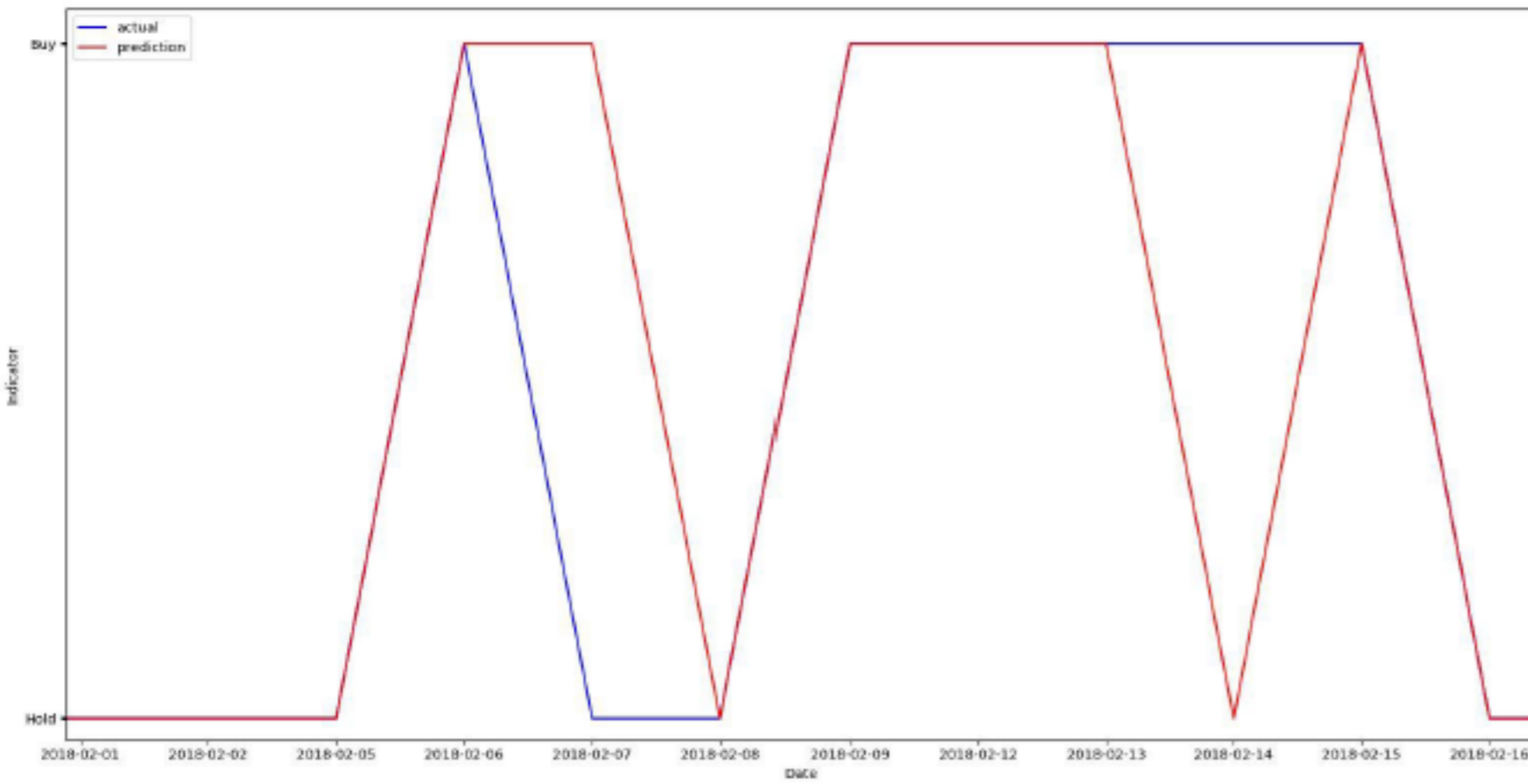


AI Based Stock Market Trending Analysis



Technology Used:

- Machine Learning
- Sentiment Analysis
- Twitter
- New York Times API
- Stock Indicators

The model performs prediction of the next day stock's trend to generate buy or hold signals. Users are able to predict different stocks by providing necessary information such as stocks historical values from Yahoo! Finance, Tweets from Twitter and News from New York Times.

The stock market trending analysis model feed stock indicators into the Machine Learning Algorithms to performed initial prediction of the stock trend. Sentiment Analysis is added as an external factor that affects the prediction trend based on the daily sentiment value.