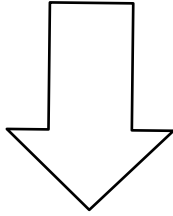


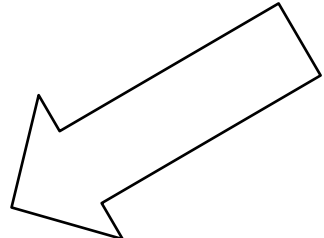
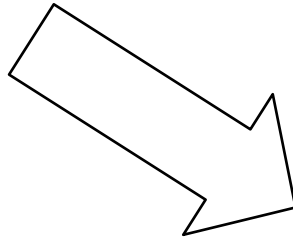
News in W days



Sentiment
Analyzer

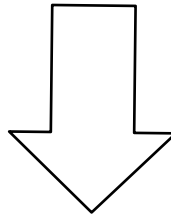
Price in W days

Sentiment score of
each stock $[-1, 1]$

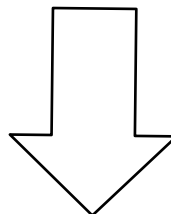


Time Series
Prediction

Predicted price
difference



MLP



Proportion of each stock