Sentiment Analysis for Stock Price Prediction

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Abstract

Predicting the price of a stock is a task that could be highly profitable. There are several techniques and methods to do this, while my goal is to look into how well this could be achieved using sentiment analysis. Four stocks have been analyzed. First calculating the daily sentiment for a given stock, and then using these sentiment values to try predicting the future stock returns. When using vector autoregression models the lagged sentiments were insignificant. However, the instantaneous sentiment showed significance.

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