

# Stock Recommendation

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## Stock: AMZN

### Recommendation: SELL

AMZN will decrease in price during the next trading period.

### Price History

The chart below is made with the `quantmod` R package, a widely used package for collecting and visualizing financial data in R. You can learn more about `quantmod` at the website [www.quantmod.com](http://www.quantmod.com).



### Method

This forecast was predicted with the *recency algorithm*, a simple—probably useless—method for determining stock prices. The recency algorithm predicts that the next price movement,  $M_j$ , will be in the same direction as the most recent price movement.  $M_i$ .

$$M_i = Close_i - Open_i$$

$$M_j = \begin{cases} > 0, & \text{if } M_i > 0 \\ \leq 0, & \text{if } M_i \leq 0 \end{cases}$$

## Raw Data

The table below displays the daily price data for the stock. In the next section, we will learn how to make a concise, interactive table with the DT package, a new package for making searchable data tables. You can learn more about the DT package at the website [rstudio.github.io/DT/](http://rstudio.github.io/DT/).

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	AMZN.Open	AMZN.High	AMZN.Low	AMZN.Close	AMZN.Volume
2016-10-06	843.70	847.21	840.60	841.66	2679200
2016-10-07	845.79	845.95	837.45	839.43	2416500
2016-10-10	843.25	845.20	840.27	841.71	1818000
2016-10-11	841.02	841.29	828.35	831.00	3578100
2016-10-12	834.00	837.67	830.10	834.09	2370100
2016-10-13	829.00	831.80	821.21	829.28	3088300
2016-10-14	835.08	835.74	822.96	822.96	2992500