

Stock Report

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AMZN Recommendation: BUY

Based on our internal trading algorithm, we believe that the **AMZN** stock will **increase** 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.



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 .

$$M_i = Close_i - Open_i \quad (1)$$

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

Raw Data

The table below displays the most recent 10 days of price data for the AMZN stock.

Table 1: Stock information for previous 10 business days

	AMZN.Open	AMZN.High	AMZN.Low	AMZN.Close	AMZN.Volume	AMZN.Adjusted
2018-12-14	1638.00	1642.57	1585.00	1591.91	6367200	1591.91
2018-12-17	1566.00	1576.13	1505.01	1520.91	8829800	1520.91
2018-12-18	1540.00	1567.55	1523.01	1551.48	6523000	1551.48
2018-12-19	1543.05	1584.53	1483.18	1495.08	8792200	1495.08
2018-12-20	1484.00	1509.50	1432.69	1460.83	9991800	1460.83
2018-12-21	1464.99	1480.00	1363.96	1377.45	13640300	1377.45
2018-12-24	1346.00	1396.03	1307.00	1343.96	7220000	1343.96
2018-12-26	1368.89	1473.16	1363.01	1470.90	10411800	1470.90
2018-12-27	1454.20	1469.00	1390.31	1461.64	9722000	1461.64
2018-12-28	1473.35	1513.47	1449.00	1478.02	8825600	1478.02