

ABSTRACT

Industrial expansion, combined with technical innovation, has provided a plethora of investment options, especially in stocks. However, investing in stocks is a time-consuming and expensive process that requires an understanding of technical and fundamental analysis. In addition, the actions of bookmakers, who have their own information and plans, affect changes in stock prices. As an investor, it is impossible to foresee when bookmakers will affect stock prices, and mistakes in investment decision-making can result in losses. To solve this problem, a method has been developed to help investors benefit from their investments. Using orderbook data, this application uses the bandarmology method. Investors can use this app to make better investment decisions and maximize possible profits. When investing in stocks, investors should understand three forms of analysis: technical, fundamental, and behavioral. Technical analysis uses mathematical patterns to forecast future changes in stock prices. To forecast the value of a stock, fundamental analysis considers economic fundamentals, industry conditions, and company conditions. The idea of follow the giant is used in bandarmology analysis, where significant investor movements are used to anticipate stock price fluctuations.

The program is intended to forecast stock prices using data from the Indo Premier app or website. The data is based on orderbook, broker summary and stock news. News data is taken from website sources that provide information on current equity impacts. The data is then processed according to the rules of each indication to generate predictions.

The final result is a profit/loss based on buy/sell suggestions from the program created, on orderbook the total profit is 4.332506% and loss is -4.18685 and broksum the amount of profit and loss from 12 months there is a ratio of 3:9, where 3 is profit and 9 is loss. In stock news, the final result has little accuracy for news that does not directly refer to the type of stock, but has great accuracy for news that directly refers to the type of stock and overall earning profits.

Keywords: Orderbook, Broker Summary, Stock News, Bandarmology, Fundamental