

STOCK MARKET TRENDS PREDICTION USING NEURAL NETWORK BASED HYBRID MODEL

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ABSTRACT

It is difficult to find out which is more effective and accurate method for stock rate prediction so that a buy or sell signal can be generated for given stocks. This paper presents a number of technical indicators and Back Propagation Neural Network to predict the stock price of the day. Stock rate prediction accuracy of different technical indicators and backpropagation neural network has been compared. The results showed that the backpropagation neural network predict stock price more accurately as compared to other techniques.

KEYWORDS: Back Propagation Neural Network, Moving Average, MACD, ROC, RSI