Abstract

Stock price prediction is a popular topic in financial studies. Stock market is basically nonlinear in nature and predicting share price is very difficult because there are no specific set of rules to estimate the price of the share in share market. Many methods are used to predict the share price like statistical analysis, time series analysis but none of these methods are considered to be consistently acceptable prediction methods and applying traditional methods may not ensure the accuracy of prediction. Various machine learning algorithms have been used to study the highly unpredictable nature of stock market by capturing repetitive patterns. Various companies have their preferred analysis tool for stock market forecasting and the reason for preference is the accuracy with which they predict. This paper gives brief survey of well-known prediction techniques used for prediction of stock in the stock market.

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**Index Terms**

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Keywords

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