Abstract

An insight of stock market trends has been an area of vast interest both for those who wish to make profit by trading stocks in the stock market. Generally there is an opinion about stock market like high risk and high returns. Eventhough we have a huge number of potential investors, only very few of them are invested in the stock market. The main reason is the
A study on stock market analysis for stock selection – naïve investors’ perspective using Data mining Technique

inability of risk taking skill of investors. Though get low returns they want to save their money. One important reason for this problem is that, they don’t have a proper guidance for making their portfolio. In this paper we focus the real world problem; we had selected three indices such as CNX Realty, BANK NIFTY and MIDCAP 50. The analysis is purely based on the data collected from past three years. The Data mining technique, Time series interpretation is applied for the Data analysis to show the ups and downs of a particular index. The correlation and Beta are the tools which gives the suggestion about the stock and its risk. The correlation tool is used to identify the relationship between the index and company individually. This Beta is used to identify the risk associated with the stock

Reference

- A review on Data mining Applications to the performance of Stock marketing – IJCA-(0975-8887) volume 1 – No.3
A study on stock market analysis for stock selection – naïve investors’ perspective using Data mining Technique

2008-09-30
- Han;, Jiawei and kamber Micheline 2006 : Mining concepts and techniques –second edition
- Eng.W.F.1988. the technical analysis of stocks options and futures –advanced trading systems and techniques
- Analysis and clustering of nifty companies of share market using data mining tools –journal of Engineering Research and studies.
- Learn About Indian Stock Market - & How Shares are Traded in India for NRIs, OCIs and PIOs?? By NriInvestIndia.com Dated: May 24, 2008

Index Terms

Computer Science
Data Mining

Key words

Index
Correlation
Beta

Time series
A study on stock market analysis for stock selection – naïve investors’ perspective using Data mining Techniques