Czech University of Life Sciences Prague

Faculty of Economics and Management

Department of Economics

Abstract of Bachelor Thesis

Stock Market Analysis

Parminder Singh

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Abstract

Stock Market has become one of the important parts of modern life, we see news everyday about how market is performing and how various factors like political and relation between countries affect the market. The purpose of this thesis is to gain general knowledge about stock market especially U.S.A market.

Theoretical part is focused on history of the market and general terms of the market that are required in the day to day life with the basic idea of what are stocks, types of stocks and Stock exchanges. Some information about leading Stock indexes and Stock exchanges like NYSE and NASDAQ is written n brief and discussion about how market impacts economy of the country. Then we move to what is Stock analysis and methods used to analyse stocks.

In practical part focus is on general understanding of 2008 market crash and analysing AAPL using technical analysis with the help of Moving averages and Technical Indicators. Indicators used are RSI, MACD and Stochastic Oscillator to understand how they can help individual to make investing decisions. Results of these indicators are described for their better understanding.

Keywords: Stock Market, Stocks, Stock index, Stock trading, Stock analysis.

Analýza akciového trhu

Abstrakt

Burza cenných papírů se stala jednou z důležitých částí moderního života, vidíme každodenní zprávy o tom, jak funguje trh a jak různé faktory jako politický a vztah mezi zeměmi ovlivňují trh. Cílem této práce je získat obecné znalosti o akciovém trhu, zejména o trhu v USA.

Teoretická část je zaměřena na historii trhu a obecné podmínky trhu, které jsou vyžadovány v každodenním životě se základní myšlenkou toho, co jsou akcie, typy akcií a burzy. Některé informace o předních akciových indexech a burzách, jako je NYSE a NASDAQ, jsou napsány v úvodu a diskusi o tom, jaký dopad má trh na ekonomiku země. Pak se přesuneme k analýze akcií a metodám používaným k analýze zásob.

V praktické části se soustředí na obecné porozumění havárii trhu v roce 2008 a analýze AAPL pomocí technické analýzy s pomocí pohyblivých průměrů a technických ukazatelů. Použité ukazatele jsou RSI, MACD a Stochastic Oscillator, aby se pochopilo, jak mohou pomoci jednotlivcům při rozhodování o investování. Výsledky těchto ukazatelů jsou popsány pro jejich lepší pochopení.

Klíčová slova: Akciový trh, akcie, akciový index, obchodování s akciemi, analýza akcií.

Conclusion

The aim of this thesis to learn basics of stock market especially U.S. market. In theoretical part we focused on general terms of the stock market like Stock index, Types of stocks, Stock trading and Stock analysis. Theory also explains history of the stock market, types of stock market and how stock exchange can make impact on the economy of the country. After reading this thesis one should have general understanding of the Stock market and various terms used in the market. Practical part gives us idea about how Stocks behave and how technical indicators can be used to have better return in the future. Technical indicators gave us idea about the performance of the stock, strength of the trends. So, as we know technical analysis is based on some factors like history tends to repeat itself and after using indicators, we see that price of the stock in November is falling and it may not create new lower low as to previous prices, so it could be better point to invest in Apple. Although it is never hundred percent but after using indicators for the year 2018 on AAPL, it is not wrong to say that stock is not in the strong trend and price is falling to the lowest of the last few months. It could be a right decision to buy at this time as price is low and it may not fall further as seen from last few months.