Investment valuation through stock market analysis (Technical and fundamental analysis)

Financial markets.



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Abstract

Objectives:

- To compile tools that contribute to the stock market analysis for the valuation of financial assets in the stock market

-To analyze the macroeconomic variables and indexes involved in the behavior of assets in the stock market.

- Describe the importance and usefulness of technical and financial analysis, as well as Charles Henry Dow's method for the projection and estimation of financial asset

In the present line of research, the mixed method has been used, which encompasses the quantitative and qualitative methods, since the study of financial assets involves graphs, financial statements, ratios, historical and current data, as well as events, wars, pandemics, social, political, cultural and health conflicts, among others. The quantitative method has been an essential part of the fundamental analysis, since it allows to know the accounting of the economic entity and in this way to know its liabilities and business strategies that may be the cause of the company's success, on the other hand, the qualitative method has been part of the stock market analysis in accounting the contract of the company of the contract of the contract

In general, financial markets are affected by the economic variables that occur in the country, the economic situation can be reflected in indices such as GDP, GNF on the control initiation, CPI and sometimes even unemployment is involved, since the economic activity of the population reflects the production and economic institution initiation, CPI and sometimes even unemployment is involved, since the economic activity of the population reflects the production and economic situation companies. But charts, candidastic charts, tends, techniques and theories are the begin of the production of the supervised of the production of the prod

With this presentation, it is expected to contribute to beginner investors to the valuation of assets, based on the needs and objectives that are planning to certain terms (short, medium, long) as well as to give a brief vision of what could occur in the future of the markets, especially current seems especially currently the institution have been concerned about democratizing investments and financial inclusion, in order to involve more people in the financial city and therefore obtain returns with the minimum expiral available, and even the opportunity to be a shareholder of a large comparison.

Introduction

Financial markets have been the most attractive factor in the world of finance for investors and professionals in the sector, people whose main objective is to abuil as greater profitability and ensure profits by relying on different methods and tools that are strictly studied and grounded to contribute to selection making, as a to a world randomness and uncertainty in the results. However, the conclusions obtained may vary in the future and thus modify the client and the state of a world randomness and uncertainty in the results. However, the conclusions obtained may vary in the future and thus modify the object to profitability, prices, volatility, prices,

"The only objective of this analysis is to know the trend of a company's share price, which is done from the very short term to the very long term. This makes the analysis

On the other hand, the fundamental analysis is considered a process of research, diagnosis, studies carried out by interested parties in the sector in order to have foundation and justify the convenience of investment over shares, in the same way it allows to identify risk and opportunity factors regarding the financial scope, starting from the statement of financial position, income statement, cash flow, among other statements and ratios that will allow to make approximations regarding profitability; growth, etc. The exposed methods maintain greater value others since comparisons are made and seek to complement each other through different information, but of the same nature, it is also important to predict the evolution of the assest, brucy historical values, graphs, financial-tennets that contemplate the trajectory of the company, as well as the economic cycles that are taken as background of the financial health of the company. However, this is not the case with all the securities issued, since, if a company is a going concern, it will not have historical values and it will be difficult to find its future index to find its future index in the same area.

Materials and methods

The study of the behavior of financial assets, especially stocks involve different methods and elements of analysis, from the internal such as financial statements operations, corporate governance, logistics structure, etc, to the external such as inflation, politics, society, etc. Therefore, it is important to determine variables that can influence the variation of values in the national and international financial market; in national arriertory is it important to monitor the Domestic Product (GDP composed of consumption, investment, government spending and domestic spending, the GDP is considered a flow variable (the objective of flow variables) is to measure in a given time, for example exports and/or imports every six months or annually), likewise it is important the Gross National Product (GNP), indexes that allow to measure the level of economic activity in the country, as well as the level of economic activity in the country, as well as the economic activity in the country, as well as the economic activity in the country, as well as the economic activity in the country, as well as the economic activity in the country, as well as the economic activity in the country, as well as the economic activity in the country, as well as the economic activity in the country as well as the economic activity in the country, as well as the economic activity in the country, as well as the economic activity in the country as well as the economic activity in the country as well as the economic activity in the country as well as the economic activity in the country as well as the economic activity in the country as well as the economic activity in the country as well as the economic activity in the country as well as the economic activity in the country as well as the economic activity in the economic activity in the country as well as the economic activity in the economic act

The CFI (Consumer Price Index) is considered an implicit variable in the stock market analysis, since this vay companies can be affected in their sales and therefore in their incense and their level or market-daility can decrease, the to the first that the population will used to substitute expensive proteine expensive proteine expensive proteine expensive proteine expensive protein expensive proteine expensive proteine expensive protein expensive proteine expensive proteine expensive proteine expensive protein expensive proteine expensive

The following figure will contribute to the understanding of Dow's theory which states that prices move by trends (trend refers to the movement of prices in one direction at a given time), this is done to identify trend and maintain a positive resention to maket behavior. It is necessary to contemplate that the price of a stock is not total linear when following a trend, that is to say, variations are observed in the stock prices and in this way a zig-zag fluctuation is found where maximum and minimum points are identified, which are called peaks, cellings or resistance, while the minimum points are crease, thorous or supports. In this way three trends are declared uprent peaks and trough higher than the previous ones), downtend (peaks and troughs lower than the previous ones) and sideways trend or also known as no trend, where

The movements that are observed will contribute to the decision making for the moment of entry and exit of the market

The trend presented by the company is a representation of what can happen in the market, this will be in force until the behavioral signals report an end. A frend is building for example, until it changes direction and stants to go down. The revene is true for a downward. To measure this parameter, Do what was used closing prices, and no where the trend break was focused. On the other hand in the fundamental analysis, it is based on historical and current factors that inform the funacial statutions of the company, in that sense ratios and financial statuteness are used, as well as events that happen in the world in political, social, cultural continuity of the company and many other companies that factors are used, as well as events that happen in the world in political, social, cultural to economic, for example the company and many other companies the factor that caused downward trends or falls in the behavior is due to the pandemic by COVID-19 from 2020, and some other falls of companies that produce and distribute raw materials are attributed to the war involving likeniae and Russia currently in 2022, they of events are involved in the indexes presented by the companies and even in the fundamental analysis it is possible to inquire and know the dividents gaid by the companies to their investors and addition, the frundamentals to make the best decisions should be based on company information such as the environment, estimates of the value of its shares, volume



Graphic 1 Mexican company Peñoles' 5-year performanc

Fundamental analysis does not mean that the price is the representation of all the necessary information, but estimates the price with the objective of finding a real of intrinsic value and this wise way invest and discover if a security is undervalued or withdraw invested capital if it is considered overvalued. In general, fundamental analysis, the sex presented in Spoint, starting with immersion (gatherine way so as not to invest in a random way and a serious of the fundamental analysis, these are presented in Spoint, starting with immersion (gatherine and study of information), elaboration and planning of alternatives through the financial diagnosis, the next point refers to the projection and estimation of results, and finally there is the evaluation of the strategy that allows the correct development of the compuny's operational activities. Both analyses of the stock market sector make it possible to price a global vision that allow to show a filter that determines sectors and markets as the best opportunity to invest, these analyses are complemented and determine investment terms with historica that encompass the sock market analysis it is possible to know the value of the company is which an ado be interpreted as the value that company is willing to part for it and this value is accepted by the owners, partners and/or shareholders. This value is represented by the net worth, which is the amount contributed by the partner at the time of finocorronation of the company, in addition to the amount accumulated with ossitive and nearly as influents represented services and the company is additionally and the article and the situation of the properties as the value for company is additionally and the situation of the company is additionally and the article and the properties at the value that company is additionally and the situation of the company is additionally and the article and the properties as the value that company is additionally and the article and the properties as the value that company is additing



Graphic 2 Fundamental analysis Source: www.ig.com

Results

Throughout this line of research, different methods of analysis were analyzed for decision making regarding sound investments within the stock market, since it is evident anti investors seek to obtain the greatest benefit and the highest profitability through their invested capital. The result of the implemented analysis will be the evaluation on the profit, as well as the efficiency and effectiveness of the financial strategies used for the improvement of the operations of finance, production, logistics, among others. As it could be discovered in the research, the result of the investment son of only depend on the corporate governance of the entities or these, the decisions of the imvestorn esc. There are also external factors that cause volatility in the market and it is possible to prevent changes to a large extent through the interpretation and analysis of the movements of financial assets.

"We all know that prices go up or down, it is not advisable to be too curious about what causes price movements, you risk filling your head with irrelevant aspect Jesse Livermore, mythical investor and financial analyst.

It is important to mention that the implementation of stock market analysis (technical and fundamental analysis) does not ensure the profitability of investments, as mentioneabove, it is only considered an approximation and projection of prices, since everything depends on the sectors (political, economic, social, cultural) the price of row materials products and services are affected by events, since it is possible that demand changes and prices are harmed. Just as the behavior of stocks has been exposed, it is also possible that other assets, such as ETFs and fibers, follow the same behavior. The different methods that exist are capable of demonstrating the return on invested capital through different techniques that allow to know the market behavior, such as the Elliot theory or Elliot curves, in the same way it is important to identify historical highs and lows to know the time of error, exit and decline of the price and volume of the shares in particular.

Analysis	Fundamental	Technical
What are you studying?	Determining the value of a financial asset or company	Price as a result of forces between supply and demand.
Objective	Search for the intrinsic value of the security and comparison with the market value.	Pattern search, charting, quantitative methods, trading systems, etc.
It is based on	Based on variations with respect to economic factors	It uses prices, movements, and charts to predict.
Represents	The causes of price movements	The effects of price movements
Factors	Price is determined by supply and demand, modified by the market and the trend	Value is determined by cash flow growth and risk.
Information	Economic reports, financial statements, news, ratios, statistics, etc.	Graphical analysis
Time	Days, weeks and months	Operations of days, but usually are of hours and minutes
Characters	Charles Dow, Ralph Nelson Elliot	Benjamín Graham, Warren Buffet
Main activities	It is possible to move market behavior (more investors and more money)	t is a catalyst for the price to move its value

Table 1

: Own elaboration with researched data

Conclusions

The stock market is now considered as the perfect belance that exists between supply and demand, since the economic cycles are present in any of the analyzed entities, it is essential to mention that investments are not only made knowing the tools to execute it, it is also important to know the regulations, contributions for the investment, which refers only to the payment of faces on the yield generated, intermediaries and structure of the stock exchanges that offer stock market services. In this stoor, the stock market is considered aphenomenon where emotions are also present, it is excessary to be pasterned advouch present and stock market is considered from the beginning of this research and cycle presented environment of the excession of the present and stock market is presented in the stock market is considered and perfect present of markets when a company does not project its recovery in the market, it is possible to buy even chapter in order to average the loss and at least recover the capital investment made. The technical and fundamental analysis is the usual respectations of investments when it comes to sunly the market, their are different methods, took, price projection techniques, risk, reach, broaders and a sunlate analysis has been standardized with respect to the needs of the newton, as well as their profile (connervative, moderat, aggressive), in order to obtain better realts, it is advisable to establish a procedure own in the last years, since finances have not used the dualy life for people, the study of finances is any of its dimensional allows profices and contained analysis of the company is uncertainty and the contained analysis of the company is uncertainty and the advisable to propelle, the study of finances is any of its dimensional slows performent growth, there is the opportunity is invest in a great company and obtain yields from it, as well as to be part of the improvement of the economic entity. It is important to mention that the common investment does not cause the opportunity



Figure 1 Indices of the new wave of financial inclusion in Latin America

Source: Cobiscorp, pulso report, 2021

Future of research

the valuation of minacts in minational terminations, with a support of previous and software of the part of the photocontrol polarizating, eathing, by their shift workers, or the institutions in charge of financia in antional territory will plan the increase or decrease of indexes, prices, interest rates, which support the prevention plan territory will plan the increase or decrease of indexes, prices, interest rates, which support the prevention plan peace resent in separation of the proposition of the proposition of the research of sectors in the financial market was perfectly by features used as a simmediacy and information gathering to a large extent. The special advantages for the future are based on the fact that moth devices have become an indispreasible part of people's lives and allow periodically obtaining information at any time it is required, another advantage that is expected the fact that moth devices have become an indispreasible part of people's lives and allow expected. The special advantages for the future are based on the geolecustion which allow the contract of the proposition of the proposition



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