

A STUDY ON EQUITY ANALYSIS WITH REFERENCE TO SELECTED AUTOMOBILE COMPANIES

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ABSTRACT

Current researchers include all relevant information on equity and discuss the hazards and inconveniences of the mechanical industry. Research is limited to one area. A two-year study of the automotive industry and all prices for the period from April 2014 to March 2016. The current study provides resources for analyzing prices in the automotive industry on the BSE 500 index. A clear level is required to solve problems in ways that can be minimized and to achieve the desired result. The story used in this study is to complete the project and achieve the goals of the project.

The data used in this project are secondary. Business reports and annual reports and various websites, magazines, journals, books, etc. data from a second source such as. They are collected. The analysis used in this project was performed using the selected technical tool. Beta, risk and reverse analysis, security agencies work to analyze risk categories and return to the automotive industry. Four companies were selected to analyze this data. They include Tata Motors Ltd, Maruti Suzuki, Ashok Leyland, and Bajaj Auto Ltd. To reduce risks and get better investment, companies need to invest in a variety of industries. The market analyzes risk and makes business decisions based on risk and return analysis. They will raise the share price within three years. Because business requires a lot of money and effort, you can't afford to lose money to reduce risk. Therefore, it is important to define a portfolio and invest carefully

1. INTRODUCTION:

India is a developing country. Today, many people, especially the money to buy the equity, the financial market is ready to spend money and taxes. Shares an important contribution to the trade center is the company's role. The securities market is another new hobby because of the number of funds to purchase their shares.

Their intelligence stock market, if you are competent enough, confused and he is awaiting a day trader and investment cannot be helped for a little while.

Prices reflect the security agreement. This is not the market, many participants agreed to sell and agreed. Ordinary investors buy or develop independent decisions on the level of expectations. If you hope to improve safety, you; If contributors expect interest rates in the autumn.

From a human point of view of safety regulations in agreement with the preliminary test for a simple reason. As we know it, and expect that it will be stable or predictable. If the value of the contribution is based on the expectations of the buyer to buy it if you feel that you need to improve the protection of critical analysis of the (light), what is important. This means that we understand the importance of security to be sold, but, it does not matter. However, in general, that it may refuse to contribute to the future value of the average there is a strong consensus.

technical and fundamental analysis is not following the remnants of one another. Assessment of the market, which earns profits all traders cannot be ignored, they are fundamental or technical analysis.

STATEMENT OF THE PROBLEM:

They all look after, as well as analysis of the risks and the company's liquidation. Within two years, registering a comprehensive analysis based on valuation. reducing the area under the current share price is married to try, try mixing a good understanding of the company's investments.

OBJECTIVES OF THE STUDY:

1. Note the value of the shares of the Company.
2. Vehicle values and the risk of re-identification questions.
3. The market is stable, and the company is checking.
4. BSE-500 index and the way to determine the relationships between the casting decisions.

METHODOLOGY:

The data used in the company of each other. media, such as annual reports, company reports, and the truth and the various sites, books, newspapers, magazines, and other collections. This is used in the analysis of the technical equipment of the company and was meticulous. securities market, risk analysis and business decisions based on the technical evaluation. Use of materials accumulated during the last two years.

Evaluation of four samples of the company's decision.

Tata Motors, Maruti Suzuki, Ashok Leyland, and Bajaj Auto Ltd. Team monitors used in the beta, risk analysis, and background information. capital of the ethnic Chinese and used for processing and analysis. They last for a few years (2015-2016)

SCOPE OF THE STUDY

It also causes a threat to the automotive industry and through all the related information. This is one of the best sectors, the automotive industry and all the consumer filler stocks in two years, 2014 and until 2016 to reach the border.

2. LITERATURE SURVEY

Advantages and Markowitz (1952, 1959). Markowitz was questioned to offer a narrow, scanned central medium. The green line was lowered, and from time to time bait, return, return or care to understand the base of the line and opportunities to re-develop in the basket. This leads to modern theory. The property should be chosen on the basis of a simple attribute and its behavior, it is an important step, but at the same time it has been chosen, various tools and a wonderful home for a variety of its movements. To reduce the risk, but the food basket can be for a long time. The literature on the proposed standards model has changed significantly. One of them, paintings, inventions, among the market or used as an example of concordances (Lintner, 1965; Sharp, 1964). According to the market index, businesses in each pair and do not want to be faithful to the financial security of the abyss. This Mali Price percentage is an example. Almost the most extensive version of MV is the only Markowitz version of the time. Some can be explained by modern theories and scientific questions. if not the opposite and this condition cost reduction, which consists of risk and risks of CR USA and dangerous. dozens of documents, a copy of it or attached. There is no stability in direct mail, it is an important review of its management. There have been some comments., depression, death is a prerequisite for measuring systemic risks and the unsystematic distances between them. (Treyner, 1965), the public market in risk assessment, but mainly due to a precautionary measure, to carry out flash options. (Jensen, 1968), Basketball or Keys Jensen, Proven Manager is suggested as a measure

of overall performance. For the future and the level of risk and insurance is still a good opportunity as you and each of the cash payments in basketball. Various other events, as well as the performance metrics, used. MV aims to provide many more examples to solve the difficulties of interviewing methods and models that will try to eliminate more precise genetic algorithms and with the support of the machine & the literary model of the real, swarm optimization (Kendall & Capsule, 2005), stochastic optimization programs (Samuelson, 1969) and others. All events can be divided into three parts: (i) establishing criteria for the selection of samples and (ii) supporting the market, obstacles to creating a model program and (iii) the number of courses on the subject of the appointment. to solve the problem Metaxiotis & Liagkoura Evolution 2012 Multipurpose design Algorithms in compensation for the use in the basket. 2. Huang, 2009 Discover the entropy threat basketball scholarship selection, critical threats in many cases to increase capital and confidence by providing a sample copy of the tool on models, models, sports, prints and more.. 3. Taniguchi and Ramik 2000 discuss the use of options for discussing the implementation of the program and the type of bio-medical program. 4. Elton and Gruber's 1997 Ad-discussions related to the concept and style of cover are discussed and are key issues for future research. 3. Contemporary Theory Cover: Review of the literature currently available for 2009-2014 using the compensation system for justice adaptation (EA) and hot spots (litigation) to illuminate their program for the region. financial problems, which are global problems such as optimization. The use of interlocutors as a tool for exploration is a pan-European approach to researching unique transformations in research development. Anticipated modeling of Autoregressive Exo Weather original (ARS) model in conjunction with Theoretical and Gray (RS) system for direct creation of the Forecasting and Forecasting Options market structure (Huang, 2009) using the C- High-Performance FC (FCM), Complex Version Model Accuracy (VPRS), high-level

version forecasting (ARS) and theory building on the Greek market predictions for security and choice. (Lin and Ko, 2009) Legal standardized genetic (GA) is water-based on Package Perfection Risk Predictions (VAR). The experiment on 78-page companies listed and sold in the Stock Market in Taiwan is a demonstration of the power and set of cost rules for better performance than WMA and its strategy range from 95% to 99% of their wealth. focuses on the genetic model (GA) of the Markowitz MV model, from the constitution of market confidence and security as capital. To hide the capability (ES) to select judgments to differ by analyzing the financial situation and identifying the strengths and weaknesses of the company. The number of companies in more than one sector of the industry can be estimated in parallel. (Chang et al., 2009) with a genetic approach (GA) to solve the optimization of unbiased risk-based modeling of MV models by Markowitz: half the difference, which is the asymmetric multivariate likelihood estimation (Chen et al Huang, 2009) distribution is given, and compensation is given for each of the four strategic considerations and their group according to the results. The author takes two steps to deactivate the evaluation. the method of using Cut counts to differentiate between groups, at the first level. And the use of non-hierarchical methods to reduce the gap between things in a group and increase the gap between them and different groups. And the rate of return balances is presented as a percentage to determine the level of inequality in the valuation. (Chen and Lin, 2009) with a comprehensive questioning strategy.

3. RESEARCH METHODOLOGY METHODOLOGY

Depending on the workers that have taken place, or by studied methods of data collection and opinion studies, the problem and the mechanism can be reduced confidence has been excellent so it can conclude the ability of habits of these traditions. new. How past relationships used by the company to achieve purpose and responsibility is the thing.

This is such a big problem, about the size of medium size. company news, annual reports and

news, as well as links to the site, as well as online resources, newspapers, magazines, newspapers, books, etc. Job assumes the use of technical analysis in which the test is carried out. Capital markets, risk analysis, and commercial risk selection for hearing and zeroing.

- **Source of data**

Secondary data have been collected from the respective unit through manuals and annual reports of the company. Further, the data collected from the historical/existing sources of data like databases, journals books articles, research reports, websites, etc.

- **Period of the study**

The exercise works with the annual high school report and the reports on each part. Also, past/present, databases, magazines, books, transcripts, notes, media, scientific research reports, online, and many more

- **Data analysis tools:**

It will be released without the guidance and relevant information, the command of the company, where the company closed 45 days.

Sample Size:

Beta analysis, risks, and threats, and share the right part of the research group used in the automotive industry:

1. TATA MOTORS LTD.
2. MARUTI SUZUKI.
3. ASHOK LEYLAND.
4. BAJAJ AUTO LTD.

LIMITATIONS OF THE STUDY:

The purpose of this threat is to focus on the image of the automotive industry at a reasonable cost and there is no background data.

large number Specialist of the corresponding main account.

1. Preview, and for light areas can be cited.
2. Execution of the short-term project Kurt; As such, you have chosen to experiment in known areas.

There is 500 market index of the range.

4. DATA ANALYSIS & INTERPRETATION

DATA ANALYSIS & INTERPRETATION:

TATA MOTORS LTD.:

Tata Motors Limited is the largest car manufacturer and largest in India. 92,519 crores (\$ 20 billion) 2009-10. Completing the card is the head of commercial vehicles, trucks and medium-sized taxis that we produce in the three best passenger cars. The company is the largest manufacturer of four trucks and the second-largest bus manufacturer in the world. "The company has 24,000 companies that make us * vision, and with the best products we offer systems that are compatible with the values of the best and the best." The development there, Tata Motors, 1945, "actually far with bridges in India, 5.9 million Tata cars entered the Indian road, the first time in 1954, after a merger with a strategic partner with Fiat, 2005, Ranjangaon for the development of the automotive industry and for the manufacture of Pol Fiat and Tata cars and trucks that entered the Fiat and property markets 72 291.67 Cr

Shareholding pattern of Tata Motors:

More importantly, a public idea of the case of a non-cash collection, the company proposes to give 37.02% of India's Tata Motors, for example, a divorce, where the company has already paid the largest companies at a sales of 17.62% of donors removed. The public is a fantastic company for competing.

TATA MOTORS LTD EQUITY SHARE PRICES FOR THE YEAR 2014-15

TABLE NO:01

Month	Open Price	High Price	Low Price	Close Price	No. of Shares	No. of Trades	Total Turnover (Rs.)
Apr-14	280	320.6	273.85	316.75	25043607	279233	7464622585
May-14	312.95	313	230.2	233.2	37413229	471623	10062691202
Jun-14	235	251.85	217	242.05	46738975	612532	11054977251
Jul-14	239.9	248.15	202.95	225.9	31575184	372144	7255687651
Aug-14	224.5	249.75	216.25	233.75	29362600	354069	6960021924
Sep-14	237	289.3	225.15	267.45	25896096	300492	6739985981
Oct-14	267.3	283.65	245.35	254.65	18502941	228161	4962015308
Nov-14	257	285.5	256.2	274.25	22457418	263818	6116077420
Dec-14	273.2	313.95	269.3	312.4	27719928	270911	8085235931
Jan-15	314.65	337.05	282.05	298	27448667	273844	8698777182
Feb-15	298	312	270.15	287.4	18455001	208584	5430384739
Mar-15	288	311	265.15	269.3	18414465	213847	5342984670

Interpretation:

In 2014, the monthly price starts, slightly lower or lower, compared with April and the end of March 2015 269.3.

This is the start of this year from Tata Motors Rs.316.75. At the same time, prices have been weak. As it is clear by the end of this year, the price will fall -14.8% to Rs.269.3, they are looking.

DETERMINATION OF RISK AND RETURN OF TATA MOTORS AS ON 2014-15

TABLE NO:02

Tata Motors returns calculations				
Month	Close Price	Index	Tata Motors returns	Index returns
Apr-14	316.75	6698.51	12.95975	-0.912441722
May-14	233.2	6280.04	-35.8276	-6.663492589
Jun-14	242.05	6682.47	3.656269	6.022174436
Jul-14	225.9	6605.7	-7.14918	-1.162178119
Aug-14	233.75	6632.34	3.358289	0.40166819
Sep-14	267.45	7206.51	12.60049	7.967379494
Oct-14	254.65	7118.77	-5.02651	-1.232516291
Nov-14	274.25	7472.45	7.146764	4.73311966
Dec-14	312.4	7581.57	12.21191	1.439279727
Jan-15	298	7665.74	-4.83221	1.09800228
Feb-15	287.4	7163.69	-3.68824	-7.00825971
Mar-15	269.3	7084.96	-6.72113	-1.111227163
		total returns	-11.3114	3.571508192
		Average returns	-0.94262	0.297625683
		Variance	180.2764	20.27078275
		S.D	13.4267	4.493499123
		Covariance	37.32974	
		Correlation	0.673657	

Interpretation:

From the top table, during this period, Tata Motors recovered an average balance of -0.942%. The standard deviation is 13.42%. the positive interaction between the market and the index is 0.673. Therefore, there is a positive relationship between the markets. As a result, the market index will increase as prices are too high.

TATA MOTORS LTD EQUITY SHARE PRICES AS ON 2015-16

TABLE NO:03

Month	Open Price	High Price	Low Price	Close Price	No.of Shares	No. of Trades	Total Turnover (Rs.)
Apr-15	268.9	300.9	252.1	299.45	16350279	202307	4435384242
May-15	296.1	319.5	283	313.45	18131942	220928	5466580812
Jun-15	310	317.4	263.1	281.45	20299421	260818	5871996545
Jul-15	280	303.1	277.15	290.55	19565956	285308	5669218129
Aug-15	292	324.4	272.5	298.7	20077721	365198	5915789294
Sep-15	296.6	354.9	292.15	332.35	20223867	308516	6732419807
Oct-15	332	393	330.25	380.2	21660691	335507	8004544739
Nov-15	382.5	405	358	398.6	19091152	286973	7361383942
Dec-15	397.5	403.6	359.35	376.4	15382269	238060	5880698328
Jan-16	378.1	389	344	349.85	11678580	199507	4304450090
Feb-16	348	418	331.05	417.05	14744041	241898	5549984903
Mar-16	413.6	420.3	379.15	398.35	8716294	159534	3465142223

Interpretation:

In 2015, the change will cost the model in Nila, compared with 2016 and 398.35 at the end of March, an improvement for 2016.

During the first years, the price for Tata Motors is Rs.299.45. At the end of this year, it stood at 33.03% lower than the price of Rs398.35,

5. FINDINGS OF THE STUDY

FINDINGS:

The values of Risk and Returns of the Automobile industry for the years 2014-15 and 2015-16 in the following table

TABLE NO: 17

Name of the Company	2014-2015			2015-2016		
	Average Returns	Standard Deviation	Correlation	Average Returns	Standard Deviation	Correlation
Tata Motors	-0.94262	13.4267	0.673657	2.85700331	8.666358151	0.476345659
Maruti Suzuki	-0.92945	10.60171	0.872053	2.857003	8.666358	17.00415
Ashok Leyland	-3.4005	12.33863	0.750971	2.857003	20.50378	0.736155
Bajaj	0.736155	6.594237	0.717188	2.857003	5.126793	0.570924

The values of Return of the automobile industry for the years 2014-15 and 2015-16 in the following table

RECOMMENDATIONS:

1. In this market, but the loss of Maruti Suzuki, Tata Motors, Ashok Leyland, investments for the automatic, you need choice.
2. You cap, despite the threat of more revenue, the proposed selection
3. Capital risk and return to school. The risk and high reward, and a reward to go online and ready to help. For this reason, the proposed participation by the door, it is evidence of a threat, it's very important.
4. As part of the election, and the imbalance in the level of threat from the outside, you need to identify risk tolerance. They report to you, as well as general damages, adding that the damage cannot be hidden.
5. Not long after, they know a lot of confirmed and suspect that you have a safe investment. For this reason, the sources of contributions for the patient, especially for long-term investments, and will reward you for the need to postpone.

6. CONCLUSION

The analysis of the study to the idea of the concept of risk capital investments, as the car industry, but the revenue. investment risk and research reasons. They are in some way for the industry to study a variety of other tasks in the name of the automatic level.

Maruti Suzuki, Auto, Tata Motors and Ashok Leyland: transport sector analysis of the study, and the need to exchange information with the world. Only one sector: Maruti Suzuki, Auto, Tata Motors and Ashok Leyland. Similar research by the complete file. Invite a risk analysis for the selection and use of. 60-working day Gender hate. hates to research from some restrictions.

In information technology, risk analysis was collected and analyzed. The analysis, Tata Motors, Ashok Leyland, Maruti Suzuki, a less dangerous for automatically. Beta version, but the damage is to protect the payments market funds and grants through this feeling.

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