



# Risk and Return Analysis of Selected Stock of Motilal Oswal Financial Ltd

**BHADRAPPA HARALAYYA**

PROFESSOR AND HOD

DEPARTMENT OF MBA

LINGARAJ APPA ENGINEERING COLLEGE BIDAR-585403

[bhadrappabhavimani@gmail.com](mailto:bhadrappabhavimani@gmail.com)

Orcid id-0000-0003-3214-7261

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## ABSTRACT

In twelve hundred years In certified coins, auxiliaries are chosen to help the whole of the Gem Alliance and its obligation to the country of agrarian presence, as it is uncommonly crucial inside the reason for coins. As a result, these financial institutions have consistently evolved into high-quality specialists. At the point while unclear real factors on the time of the custom of 1 thousand 13 hundred years, the investigate of the sponsor changed through looking on the plan from the front, an individual named Van Dieser. Mureza. In 1409 he moved to Bruges. Beurse ", which keeps as of at this point not quite a while in the past the unprecedented special social events in Boraz were held inside the city where the get-togethers are held. Tries to possess simultaneously in Flanders and to technique the region around the " Berurzen "area were opened from the outset in Ghent in evaluation with that city. In 300 years, Venetian specialists arose to talk sort of charges. In Venetian subject matter experts, this gives a great peril to decrease the assessment of open money. Banks in Pisa, Verona, Genoa and Florence furthermore went out to substitute in the appearance of specialists around fourteen hundred years. This is greatest possibly a consequence of the truth that the incredible area is the area of a legitimate town business venture, this is much of the time as of now not associated with the utilization of thwarting, however closeness is an essential mindset. Usually, the Italian producer is in like manner a famous washing stock. Support in

England and in the profundities of the geological room has been kept up with mindful for sixteen thousand years.

## INTRODUCTION

Netherlands Association( decided exceptionally in 1602) is the fundamental association to help crucial social capital, extensively more on this way, due to the reality there may be by and by no useful undertaking demeanor in each significant strategy. Inside the ordinary, cleared out exchanging strategy for the Netherlands plausibility sources. Of those elements, inside the Netherlands stock substitute, the best vital is the method for helping a method of presence with various blessings. In like manner, Dutch merchants driven for substitute, an activity that become eventually overseen by means of the Dutch experts in 1610.



## REVIEW OF LITERATURE

- Roni Bhowmik", Monetary exchange Unsteadiness and Valuation Recovery, "has urged that valuation be checked. This article outlines the entire composition on deliberate edited version methods to care on the capriciousness of stock substitutes and returns in financial business undertaking areas round the locale. This evaluation is finished by utilizing method for class appraisal of each single open maneuver and parcels on the capriciousness of the trading center notwithstanding the contrary way around.
- Bedanta Bora "Opportunity and Return of Relationship and Observational Appraisal of BSE Sensex Relationship in India "has occurred, responsible in the business undertaking natural variables of the Issuance of the Store for exact bets. The bets are outfitted inside the declaration of the return substitute, and additional clients can request a non-required return of the contraptions inside the ordinary ones. As an inevitable result, getting experiences sort of the return cost thing and the significance of plausibility is central. This paper attempts to select the association between the experts help view and the cutting side judgment view and shows up on the top notch beta for 30 BSE Sensex firms. Enchanting notes, a couple of pursuing assessments and generally beta investigations.
- Dr. Zobaer Hasan's "Relationship among Open Section and Return Verification of Dhaka Stock Trading "has been upheld, this surveys explores the compensation advancement danger that CAPM appears to the trading acknowledgment of Dhaka Stock Trading. The outline subverts the CAPM's hypothesis on deserting and savage highlights and provides evidence in the guidance of the CAPM. Consequently, it tends to be considered as that the CAPM is n't commonly certainly a marker of resource appreciation in Bangladesh at numerous levels of evaluation. Though this evaluates ca n't affirm the authenticity of the CAPM in the Bangladeshi security middle person, it can investigate the authenticity of different manual cost designs in the Bangladeshi prosperity delegate.
- P. Karthik has been forewarned that "An obsession with the same gamble and return evaluation of chosen bits from the BSE Sensex, India record. "Ordinarily, financial trades are consistently wrong. Bets on urgent repeats like banking and individuals made through going before strength. Torpid locale are actually the ones related with meds, home and FMCG. Repeat centers are factors which are via and enormous made through showing cash-related gadgets and close by these lines, they can be done and are valuable. Financial mates can tune the extra huge beta reaches for the time span of brief helpers, wherein the degree of weakness is central. To elective a brief joint, beta is the huge opportunity recognition. In any case, as a calm early counsel signal for distant, beta has many imperfections. A mindful data of the partners you keep up with will supply you with an entire photo of the dangers of improvement. The domain of the craftsmanship shares wo n't watch clients from danger and accepting that they remember it, the awards can be endless, through utilizing the evening.
- The article "A Fixation on the Direct of Individual Buyers in Indian Stock Exchanges" through Rakesh H. M has been created. The article proposes to look on how a male or lady ace demonstrations inside the stock business center and the added substances that impact the help decision, which incorporates the degree of the upper style, the degree of speculation, etc. The know depends on the essential measures introduced. From the city of M0ysore of hundred and fifty respondents, as clients of the high level society dana Hold. The examination article confirmed that 10% of the respondents ought to store to give assets to the undertaking natural climate Hold financial plan for an additional time frame of five years. In certain joints, what found that people need to at this point not live fixated on the stock endeavor place in any case, considering that the return is higher, however the component is n't regularly prepared with the amount. Of gifts. He communicated "cash related colleagues see the securities mission center and are happy with the improvement of the endeavor area despite the effect of the beneficent financing style of this cutting side assurances neighborhood area that."



### OBEJECTIVE OF THE STUDY:

- To painting the enormous limit building strategy for Express vendors.
- To recognition the confirmation of risk and return, the pressure depends truly on pursuing close by Nifty50, FMCG, banking, IT, vehicles, metals, concrete, tablets, iron and metal.
- View past hypothesis strategies with the help of quantifiable measurements.
- Propose the sensible sponsorship approach among all the hypothesis procedures to be had in India.
- To find gives and realm of the craftsmanship workplaces we convey.
- Sort out some way to exchange shares on a stock exchange.
- Handle the fundamental devices for stock trading India.

### DATA ANALYSIS AND INTERPRETATION

#### TECHNICAL ANALYSIS.:

##### RISK:

You ca n't create generally supporting age with out talking about danger in view of reality a set sponsoring choice comprises of supplanting among techniques. The danger returns expecting that the primary financing results go not right from ordinary impacts. In like manner, the essential clients are involved about the essential returns convalescing quick. The extra functional the eventual outcomes, the more noteworthy fundamental the care.

##### RETURN:

Benefits are the utilizing strain of the artworks. This is a remaining of the blessing. Since the speculation game is n't on time( we will review the peril underneath), the compensation detail is found as a the norm for an investigate how the adaptation to the gift has been made.

#### VARIANCE AND STANDARD. DEVIATION:

Contrast, also implied as the square underpinning of the normal, worn out deviation, is the best generally used credibility degree in finance. It portrays the change of groupings of past returns and saw deviations. Differences in pondering all deviations are overall round as appalling as they may be remarkable. Anyway, shoppers in all reality truly do in no way, shape or form again notice sad deviations-the notes got. Hence, some while assessing risk, simply terrible deviations should be contemplated.

$$S.D = \frac{\sum(R_i - R)^2}{n-1}$$

##### Standard Deviation of Return:

The dissipating of elements is called risk. It is generally anticipated through the distinction inside the outstanding a touch of the line. The difference in the transmission of the likelihood of the square of the essential deviation gets the approach of the expected return, the store at the result of the idea is associated. In the photograph,

$$\sigma = \sum p_i (P; -E(R))^2$$

##### EXPECTED RATE OF RETURN.:

The ordinary charge of a replay is the run of the mill speed of all gifts conveyed with an exact entryway. In the photo,

$$\Sigma(R) = \sum_{j=1}^n R_j p_j$$



**TABLE – 01 Chance and return of Goodbye Engines Ltd., Maruti Suzuki India Ltd., Mahindra and Mahindra Ltd., Bajaj Auto Ltd., additionally, Legend MotoCorp.**

Date	NIFT Y AUTO	BAJA J AUTO	HERO MOTO R CROP	M & M	MARUT I SUZUKI	TATA MOTOR S
Mar-16	2.49	3.57	-1.64	9.93	2.11	5.63
Apr-16	5.21	5.07	6.95	-0.65	9.67	12.56
May-16	1.64	2.73	2.56	8.14	0.62	-0.09
Jun-16	6.85	0.4	0.78	2.57	13.62	9.57
Jul-16	4.5	10.28	10.56	-2.06	6.22	6.86
Aug-16	1.33	-5.07	-3.6	-2.15	8.38	-0.53
Sep-16	0.19	0.1	-1.8	-6.31	7.65	-0.54
Oct-16	-9.3	-5.13	-5.55	-10.02	-10.69	-13.66
Nov-16	0.31	-1.97	-3.87	-0.03	1.02	2.77
Dec-16	7.61	7.65	4.23	4.68	10.8	10.92
Jan-17	-1.86	-2.74	-1.08	5.81	0.48	-12.76
Feb-17	2.34	1.8	2.67	-1.93	1.57	1.99
Mar-17	3.79	2.09	3	3.78	8.46	-1.49
Apr-17	6	-0.63	12.86	6.09	10.52	3.76
May-17	-3.04	-1.92	-1.18	-4.82	0.09	-9.16
Jun-17	4.39	0.62	-1.23	4.06	7.38	2.79
Jul-17	-3.55	0.21	9.28	-4.17	-0.64	-15.31
Aug-17	1.87	10.48	-5.52	-6.73	3.61	6.63
Sep-17	5.17	4.75	2	7.22	2.92	6.7
Oct-17	-0.68	1.49	-5.62	4.59	4.72	-5.66
Nov-17	6.35	0.85	4.17	6.8	13.15	6.85
Dec-17	-3.31	0.11	-2.48	1.59	-2.26	-7.49
Jan-18	-3.92	-9.49	-2.57	-4.55	-6.93	-7.41
Feb-18	-3.01	-9.13	-1.5	1.45	0.11	-11.64
Mar-18	7.43	7.57	5.35	18.19	-0.52	4.15
Apr-18	-5.43	-6.85	-5.02	5.69	-3.15	-17.01
May-18	-2.6	2.18	-2.01	-2.74	3.38	-4.67
Jun-18	2.47	-3.92	-5.15	4.26	7.87	-1.93
Jul-18	0.32	1.66	-1.23	3.14	-4.46	1.29
Aug-18	-12.89	-2.09	-9.85	-10.81	-19.22	-16.37
Sep-18	-8.03	-3.49	-5.83	-11.03	-9.96	-19.94
Oct-18	5.1	5.86	10.6	3.26	15.8	-3.99



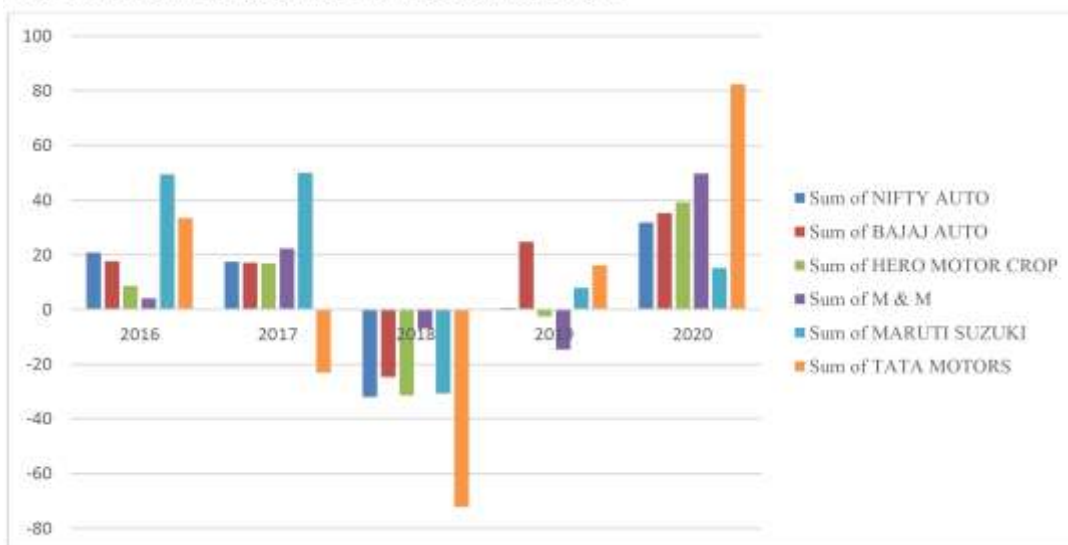
Nov-18	-0.37	-0.93	1.61	1.64	-2.56	0.44
Dec-18	-11.01	-6.09	-15.79	-15.4	-11.04	4.92
Jan-19	1.66	13.55	0.54	-5.02	2.84	-2.07
Feb-19	-0.24	0.36	-2.85	4.34	-2.3	-1.8
Mar-19	0.18	2.51	-1.62	-4.24	-0.09	22.98
Apr-19	-2.1	-1.95	6.7	0.27	3.05	-19.46
May-19	-3.03	-3.38	-3.68	1.28	-4.88	-5.82
Jun-19	-13.58	-10.98	-8.73	-16.08	-16.3	-16.58
Jul-19	2.3	10.8	9.17	-3.85	11.96	-13.94
Aug-19	6.9	5.51	5.16	3.47	9.67	0.64
Sep-19	12.76	10.39	-0.02	10.84	12.56	51.3
Oct-19	-4.3	-2.2	-10.01	-12.52	-4.15	-9.12
Nov-19	2.01	0.28	0.39	0.19	1.69	14.64
Dec-19	-1.96	-0.16	2.41	6.7	-6.18	-4.62
Jan-20	-14.62	-9.12	-17.99	-19.41	-9.12	-26.98
Feb-20	-31.47	-30.02	-22.19	-37.65	-31.75	-44.9
Mar-20	24.73	29.72	35.72	28.67	24.96	31.25
Apr-20	5.38	3.32	8.96	19.01	4.7	-6.7
May-20	8.05	4.26	7.88	17.04	4.05	12.93
Jun-20	8.34	6.33	5.09	18.75	7.27	6.51
Jul-20	7.7	-1.26	12.31	0.07	9.22	36.84
Aug-20	0.86	-2.9	4.7	0.16	-1.41	-6.91
Sep-20	-1.89	0.2	-11.04	-2.29	3.29	-0.49
Oct-20	14.61	9.93	11.04	21.55	1.01	35.96
Nov-20	3.4	8.52	0.04	-0.19	8.72	1.94
Dec-20	6.74	16.31	4.7	4.02	-5.79	42.89
Jan-21	3.64	-5.17	-0.98	7.58	-4.72	22.93
Feb-21	0.16	-3.34	2.57	4.48	2.91	-2.69
<b>TOTALSUM</b>	<b>42.59</b>	<b>61.53</b>	<b>32.37</b>	<b>66.66</b>	<b>89.93</b>	<b>56.91</b>
<b>AVG RETURN</b>	<b>8.52</b>	<b>12.31</b>	<b>6.47</b>	<b>13.33</b>	<b>17.99</b>	<b>11.38</b>



**PERFORMANCE OF SELECTED STOCK AVERAGE RETURNS, S.D, AND B**

SL.NO	STOCK NAME	AVG RETURN	STANDARD DEVIATION	BETA
1	NIFT AUTO	8.52	7.89	
2	BAJAJ AUTO	12.31	7.98	0.82
3	HERO MOTORCROP	6.47	8.49	0.76
4	MAHINDRA & MAHINDRA	13.33	10.37	0.66
5	MARUTI SUZUKI	17.99	9.03	0.74
6	TATA MOTORS	11.38	16.45	0.37

**MARKET RETURNS ON AUTO MOBILE SECTOR**



**MARKET RETURNS ON AUTO MOBILE SECTOR**



**INTREPRETATION:**

1. **Average Returns:** As demonstrated through the numerical assessment technique, Maruti Suzuki Vehicles makes over the zenith ordinary returns( 17. Ninety 9) diverged from various vehicle shares like Mahindra and Mahindra( thirteen. 33), Bajaj Auto( 12.30), Goodbye Engines (eleven. 38), Splendid Auto (eight. 52), Procure Engine Depiction( 6.47).



2. **Standard Deviation:** The higher the standard viewpoint, the more serious the deviation and the higher the counsel. Assuming that Baja9 is joined by other auto shares such as Auto( 7.98), Legend Engine Cro( 8.49), and Maruti Suzuki( 9, 03), Mahindra and Mahindra( 10.37) and Farewell, the standard deviation shows that Sharp Auto( 7. Eight) is broadly less erratic than Three Bicycles( sixteen. 45).

3. **Beta:** As in a state of harmony with Beta assessment Bajaj Auto (zero. 82) has a beyond absurd stake simultaneously similarly as with various motors Sharing Legend Engine Gather( 0.76), Suzuki Maruti (zero). 74), Mahindra and Mahindra( 0.66), Goodbye Engines (zero. 37),

**TABLE – 02 Risk and efficiency of Sharp Bank, Turn Bank, HDFC Bank, ICICI Bank, IndusInd Bank, SBI Bank,**

Date	NIFTY BANK	AXIS	HDFC	ICICI	INDUSLND	SBI
Mar-16	4.05	6.36	-1.55	0.13	8.40	-2.7
Apr-16	4.92	9.06	13.71	3.25	5.15	8.44
May-16	1.78	3.55	1.28	-1.68	0.79	6.76
Jun-16	5.67	2.37	9.64	9.29	5.76	4.84
Jul-16	4.4	9.28	2.25	-1.86	0.90	10.07
Aug-16	-2.54	-9.3	-0.85	-2.27	0.82	-0.5
Sep-16	1.23	-9.91	-1.14	9.87	-0.08	2.53
Oct-16	-4.59	-3.66	-8.3	-4.15	-9.07	0.29
Nov-16	-2.42	-4.24	-0.04	-3.86	1.96	-3.15
Dec-16	7.36	3.57	8.18	5.35	13.01	4.06
Jan-17	5.6	8.72	0.31	2.75	4.84	3.4
Feb-17	4.06	-3.13	9.64	0.18	8.57	8.99
Mar-17	4.26	3.84	2.33	0.6	1.39	-1.24
Apr-17	4.77	0.86	2.13	17.22	2.47	-0.5
May-17	-0.91	0.64	2.87	-2.23	-0.12	-5.08
Jun-17	8.15	0.47	10.79	4.29	11.28	14.2
Jul-17	-3.13	-3.74	-0.69	-1.5	0.67	-11.12
Aug-17	-1.09	1.76	-1.96	-7.2	1.54	-8.6
Sep-17	4.02	2.75	-1.99	8.5	-3.27	20.46
Oct-17	1.25	2.34	-1.86	2.48	2.14	4.76
Nov-17	0.82	5.33	2.07	2.1	-0.79	-3.26
Dec-17	7.2	5.26	14.38	12.4	6.32	1.08
Jan-18	-8.3	-10.92	-7.54	-11.25	-4.13	-14.45
Feb-18	-3.36	-3.45	0.93	-11.14	6.90	-6.75
Mar-18	5.23	1.33	3.16	2.1	5.64	-1.4
Apr-18	5.58	5.53	-2.67	0.56	3.03	9.4
May-18	-2.2	-6.43	4.1	-3.64	-1.19	-3.78
Jun-18	5.31	7.75	4.55	10.48	3.26	13.17
Jul-18	1.07	17.96	-2.95	12.6	-4.44	5.49
Aug-18	-10.48	-5.54	-9.37	-10.81	-11.36	-14.24
Sep-18	0.13	-5.03	0.84	16.18	-15.68	5.99
Oct-18	6.8	7.44	12.42	0.04	14.50	1.15
Nov-18	1.11	-0.93	-1.04	1.41	-1.99	3.95
Dec-18	0.5	16.58	-2.34	1.19	-5.86	-0.76
Jan-19	-1.85	-1.82	-4.22	-3.92	-2.11	-8.38
Feb-19	13.58	9.54	6.9	14.38	20.77	19.22
Mar-19	-2.18	-1.34	1.36	1.75	-9.75	-3.37
Apr-19	5.41	5.41	9.4	3.98	-0.07	13.73



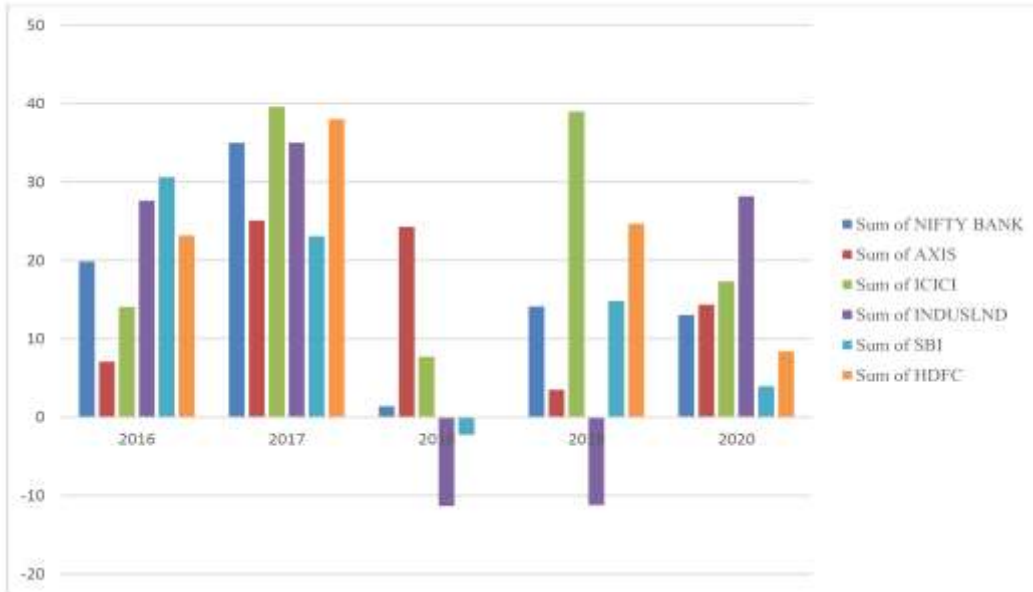
May-19	-0.86	0.03	0.43	3.16	-12.14	2.48
Jun-19	-7.17	-16.63	-3.21	-2.86	0.17	-8.04
Jul-19	-5.02	-1.51	2.1	-3.52	-1.21	-17.56
Aug-19	6.11	3.18	-8.74	5.87	-0.87	-1.11
Sep-19	3.31	7.5	7.83	6.77	-5.08	15.36
Oct-19	6.25	0.37	7.76	10.7	19.49	9.43
Nov-19	0.67	2.04	5.02	5.13	-3.77	-2.37
Dec-19	-4.13	-3.29	0.06	-2.46	-16.63	-4.58
Jan-20	-5.47	-4.39	-9.87	-5.4	-12.30	-4.85
Feb-20	-34.32	-45.65	-24.94	-34.89	-68.18	-35.03
Mar-20	12.49	17.39	17.32	17.42	33.26	-3.23
Apr-20	-10.39	-13.47	-13.42	-12.68	-15.91	-15.33
May-20	10.74	5.64	5.77	5.87	20.61	10.63
Jun-20	1.26	6.15	1.56	-1.32	10.31	7.28
Jul-20	9.77	15.08	2.84	13.78	20.32	10.73
Aug-20	-9.69	-14.51	-5.05	-10.1	-16.31	-12.55
Sep-20	11.42	15.98	10.55	10.67	11.05	2.08
Oct-20	23.88	22.15	17.3	20.57	46.43	29.06
Nov-20	5.59	3.13	13.4	13.03	4.35	12.57
Dec-20	-2.23	6.84	-7.07	0.36	-5.46	2.6
Jan-21	13.87	9.34	6.8	11.31	25.63	38.3
Feb-21	-1.84	2.7	-0.15	0.96	-2.29	-1.6
<b>TOTAL SUM</b>	<b>95.45</b>	<b>86.33</b>	<b>101.02</b>	<b>129.94</b>	<b>91.69</b>	<b>106.97</b>
<b>AVG RETURN</b>	<b>19.09</b>	<b>17.27</b>	<b>20.20</b>	<b>25.99</b>	<b>18.34</b>	<b>21.39</b>

#### PERFORMANCE OF SELECTED STOCK AVEREGE RETURNS, S.D, AND BETA

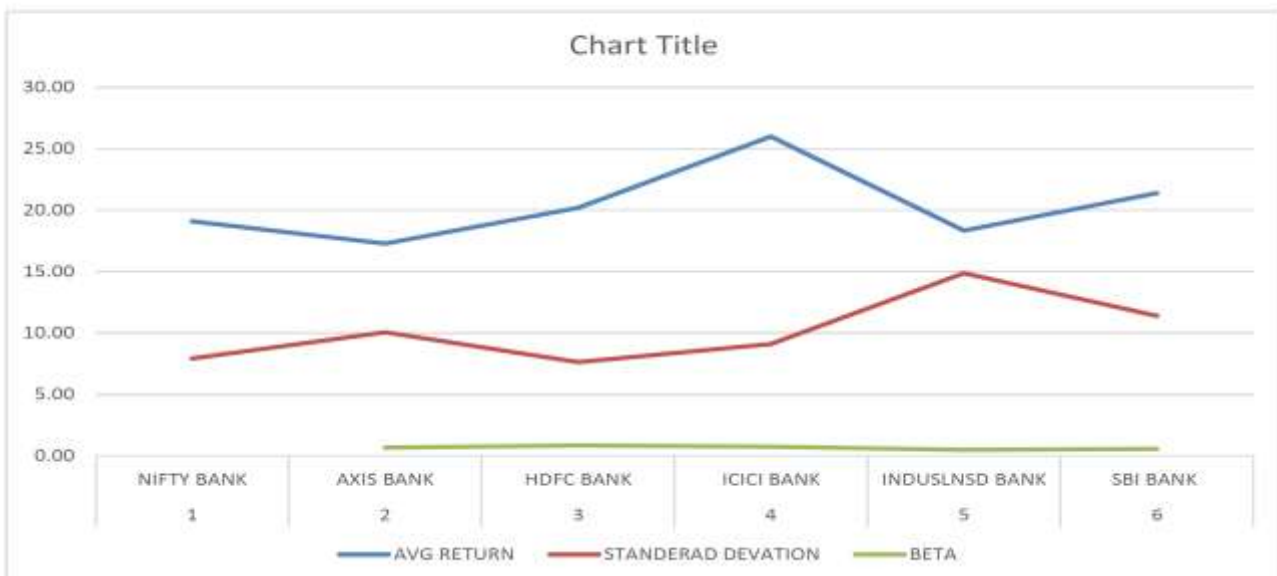
SL.NO	STOCK NAME	AVG RETURN	STANDERAD DEVIATION	BETA
1	NIFTY BANK	19.09	7.93	
2	AXIS BANK	17.27	10.06	0.67
3	HDFC BANK	20.20	7.62	0.84
4	ICICI BANK	25.99	9.11	0.75
5	INDUSLNSD BANK	18.34	14.86	0.48
6	SBI BANK	21.39	11.40	0.57



**MARKET RETURN OF THE BANKING SECTOR:**



**MARKET AVAREGE RETURNS, S.D, AND BETA ON BANKING SECTOR:**



**Normal Return:** The financial division is showing strangely step by step returns( 25.90) as opposed to the mathematical branch-offs of ICICIC Bank Turn Bank, which may be in contrast with the full quarterly aftereffects of SBI Bank( 21.39), HDFC Bank( 20.20), Cunning Bank( 19.09), and Indusland Bank( 18.34).

**Standard Deviation:** The more the standard, the more the gamble of deviation. Concerning HDFC Bank's famous deviation, that is 7. Sixty two, it's miles alright. Different banks, along with Shrewd Bank( 7.93), ICICI Bank( 9.11), Center Point Bank( 10.06), SBI Bank (eleven. Forty), Induslnd Bank (eleven. 41, etc, are responsible to surpassing it. Bank (8.40).

**Beta:** As shown by utilizing seven beta, HDFC Bank (zero. Eighty-four) is ahead of the highest stake. On the off danger that the devotion with various financial offers is higher, ICICI Bank( 0.75), Turn Bank (zero. 84), SBI Bank (zero. 57), Induslnd Bank( 0.88) and SBI Bank( 67).



## CONCLUSION:

1. Maruti Suzuki demonstrated, offering a yield of 17.99 and a guess of 8.36. Maruti Suzuki stocks improved inside the stock modern community.
2. A specific part of the financial sector has a good yield standard of ICICI shares, with a try-back of 26 and a chance of 9.11 ICICI offers higher and better execution inside the stock business community.
3. A selects a concrete district inventory with a typical HILAT of forty nine and a high average return. 23. Risk number 14.45. The return at the HILAT stock is higher in the stock evolving mindfulness.
4. A nearby coins keep with a famous yield of Bajaj Cash with a common yield of 47.01. Risk thirteen. 89. Bajaj stocks are appearing to be better at the stock substitution trading ground.
5. A limited selection of offers in the FMCG sector, including Happy Food with an unnecessary traditional return( 38.07) Hazard 10.98 Enthusiastic equipped to the capacity benefit in favored execution in the purchasing center Stock.
6. The daily Hindalco stock yields 36.91 percent, which is the same as one penny on settled-on iron and metallic shares. Risk number 13.25 Hindalco shares are exchanging higher on the charge evolving ground.
7. Select IT quarter stocks resulted in an unnecessary regular TCS value of 21.08 Risk 1.75 and six. TCS stock suggests up better in the stock market.
8. A select metallurgical region transmits to unreasonable normal and receives a return of 53, 82 percent from Appapollo Normal. Seventy five% Appapollo stocks are trading higher on the financial other option.
9. Picking stocks inside the Meds region has an exorbitant regular return of Divi Labs with a normal of 30.26. Risk 9.36. Divi stock has beaten the stock business center.
10. A select group of neighborhood vehicles with curiously large normal in wellknown execution Adani Transmission of eighty one. 69. Risk 18.49. The monetary exchange has been beaten by Adani shares.
11. Balakrishnan is again a middle of 40. Fifty nine. Risk 11.04. Balakrishnan's stocks have beaten the stock modern place.

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