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The "FANTAM" Frontier Predictive Model - A Rhythmic & Unknown Relationship between Technical & Fundamental Analysis to Portfolio Selection & Returns Optimisation in Indian Stock Market

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Abstract

Purpose: The primary purpose of this paper is to understand the rhythmic &unknown relationship between Technical& Fundamental analysis to leverage the portfolio selection & investment management with respect to risk management & superior returns with in specific time frame.

Design /Methodologies/Approach: In this paper we use Bombay Stock Exchange selected shares& apply Fundamental analysis for selecting portfolio & Technical analysis along with expert trading mechanism for portfolio superior earning optimisation. The empirical analysis includes back testing of selected portfolio from Jan 2013 to Jan 2020 with the help of Amibroker software.

Originality &Value: This paper is written specially for those financial enthusiast & disciplined individuals who wants to take leverage synergic relationship among Technical analysis, Fundamental analysis &Expert system.

Practical implication: The successful introduction &application of "FANTAM" matrix will encourage the practitioners & academicians of Financial markets to research & explore further uses & effective implication of present study. With the help of Techno-Fundamental analysis study portfolio selections will become correct up to 80% & most of the selected shares managed to get positive returns.

Keywords: *Technical Analysis, Fundamental Analysis, Indicators, Backtest, Bombay Stock Exchange, Portfolio, Expert system.*

Article History

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Introduction

Investors always been interested to make money in all kind of market situations but very few of them can create this magic. Some investors may have broad understanding about knowledge of Fundamental Analysis i.e. industries, economy & company whereas some have good understanding about Moving Average, RSI, MACD, Stochastics

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& other Technical Analysis related indicators & patterns.In past literature understand both the analysis as a separate means of analysis.This is the main motive to develop this model to understand those phenomena in which we can utilise both the analysis simultaneously to the competitive edge over separate use of these analysis.Combining the Technical & Fundamental Analysis Metrix can help you to sense negative situations & identify major moves in stock market, in order to improve earning capacity to invest on the stock exchange is the authors own develop matrix called FANTAM **(Fundamental Analysis & Technical Analysis Matrix).**

When you invest or trade in financial markets, there are two basic questions you should ask yourself

a) Is this a stock I want to buy?

b) Is this a good time to buy a stock?

To answer these questions, we have "FANTAM" Frontier Predictive Model, which combines two different school of thought of investment world i.e. Fundamental Analysis & Technical Analysis matrix.

Fundamental Analysis & Technical Analysis:

Fundamental analysis starts by looking at historical earning reports of a company by looking at accounting mix i.e.**Assets, Liabilities, Share Capital** .The logic behind this method is, if a company has good fundamental strength, then long term prospects for the stock are also likely good, therefore fundamentally strong stocks have a inbuilt reason to go up .Those companies are making money, increase their profits & grow their business.

The problem with this logic is that FA does not address the current state of the stock." A **good company & a good stock are not necessarily the same thing".** A company can be making lots of money & increase their revenue & profits, yet their stock could still be going down.

The main focus of Fundamental Analysis to know about earning estimations of companies &to build a base behindof those earrings. This kind of analysis is more concern with three broad areas i.e. Economy Analysis, Industry Analysis Company Analysis along with different ratio analysis mix. Fundamental analysis tools are specialised to design to understand the potential worth of stock, whereas for technical analysis it is difficult to determine the real value of stock. Technical analysis may not tell about the worth of stock but when it comes to timing to buy & sell of that particular stock (filtered by fundamental analysis) may give us positively surprising results. Technical analysis is the only statistical methods which can identify the moods & emotions of investors even during in the live market & end of the day session.

Technical analysis is majorly focused on three main assumptions:

1) The markets discount everything.

2) Price moves in trends.

3) History tends to repeat itself

Literature Review:

In the literature few times the combined use of Fundamental & technical analysis raised in literature. William O'Neil (2000) advocates the recommending relationship between fundamental & technical analysis .As per his experience investor wants not only fundamental strong share but also he wants to be interested to know about how my stock price behave in share market .He understands the fundamental basis for stock select then only apply technical tools for getting edge over others.**Lev and Thiagarajan** (1993) shows an aggregate fundamental score is resemble with consistent earnings growth of a firm. Accordingto**Parkand Irwin** (2004), "among a total of 92 modern studies, 58 studies found positive results regarding technical trading strategies, while 24 studies obtained negative results.**Chan et al**. (1996) and Griffin et al. (2005) revels that a zero-investment portfolio with almost double returns and earnings astonishments can generate higher profits. Applying combined

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forecasting models developed by Granger and Newbold (1974), **Granger and Ramanathan**(1984),Lee et al.(1986),Lee and Cummins(1998),and Chen et al.(2014),Asim(2009)incorporates dividend information into the momentum strategy & finds a sophisticated returns.Asness et al.(2013)find that the value approach is negatively correlated to the momentum strategy, and linking the value strategy and the momentum strategy may balance some of the common variation. **Chen et al**. (2014) demonstrate that a combined momentum tacticintegrating revenue, earnings, and price information could profit better return than single-criterion momentum tactics.

Tarczynski and Luniewska (2004) focus on fundamental analysis as a tool for long term investor.Also Burton Malkiel(2003) explains the relationship between fundamental & technical analysis positively. He shows the importance of P/E Ratio along with technical analysis signals to identify trends.Furthemore both the analysis having great behaviour to understand markets different dimentions, which could be fruitful to us for getting best stock selection & great timing to buy –sell stocks.

Terence Tai-Leung Chong,Wing-Kam Ng,Venus Khim-Sen Liew(2014) with the help of RSI & MACD in most of the experiment with exchanges taking as a sample throught out world ,they found best very positive results. Investors can generate high returns by using these tools while making investment decisions for long term.

Romain Belair (2010),"The impact of volatility on the implementation of RSI, this paper reveals out the importance of volatily over trading rule,by using RSI in the Chinese Stock Exchange. They investigate how sensitive is the choice of RSI boundaries to different volatility regimes. **Adrian Taran-Morosan (2011),** "The relative strength index revisited", They reviled that RSI is very popular among investor to get consistent return.They reveled the importance between RSI classic form & adjusted RSI with trading volume .after comapare both the form they find out classic form of RSI doing pretty good job ,but if we use adjusted RSI with some additional variables ,can get a very good result .

According to **Wilder (1978)** the most appropriate value to compute the best RSI for value N is 14 as this is half of the lunar cycle. Though the value 14 is not best always or is not the only value to compute the RSI as it depends and varies with respect to market, company and any other factor.

We also propose a combined investment strategy based on "FANTAM" Frontier Predictive Model, which combines two different school of thought of investment world i.e. Fundamental Analysis & Technical Analysis matrix.

Research Objectives

- Does Fundamental & Technical Analysis Matrix can optimise Investment Avenue& predicting abilty?
- To find out the relationship of Fundamental & Technical analysis on Banking sector specific stocks listed on Bank nifty index
- To design system trading & back testing strategy for better earnings.

Hypothesis

- Null Hypothesis (H01): There is no significance difference between Techno-Fundamental analysis & traditional analysis methods for portfolio sections.
- Null Hypothesis (H02): There is no significant relationship between relationship of Techno-fundamental &analysis on banking sector specific stocks listed on Bank nifty index on entry & exit.
- Null Hypothesis (H03): There is no significant difference between the returns calculated from the system design trading and the manual trading.

Research Design

The Research Hypothesis establishes the link between Fundamental & Technical Analysis, through:

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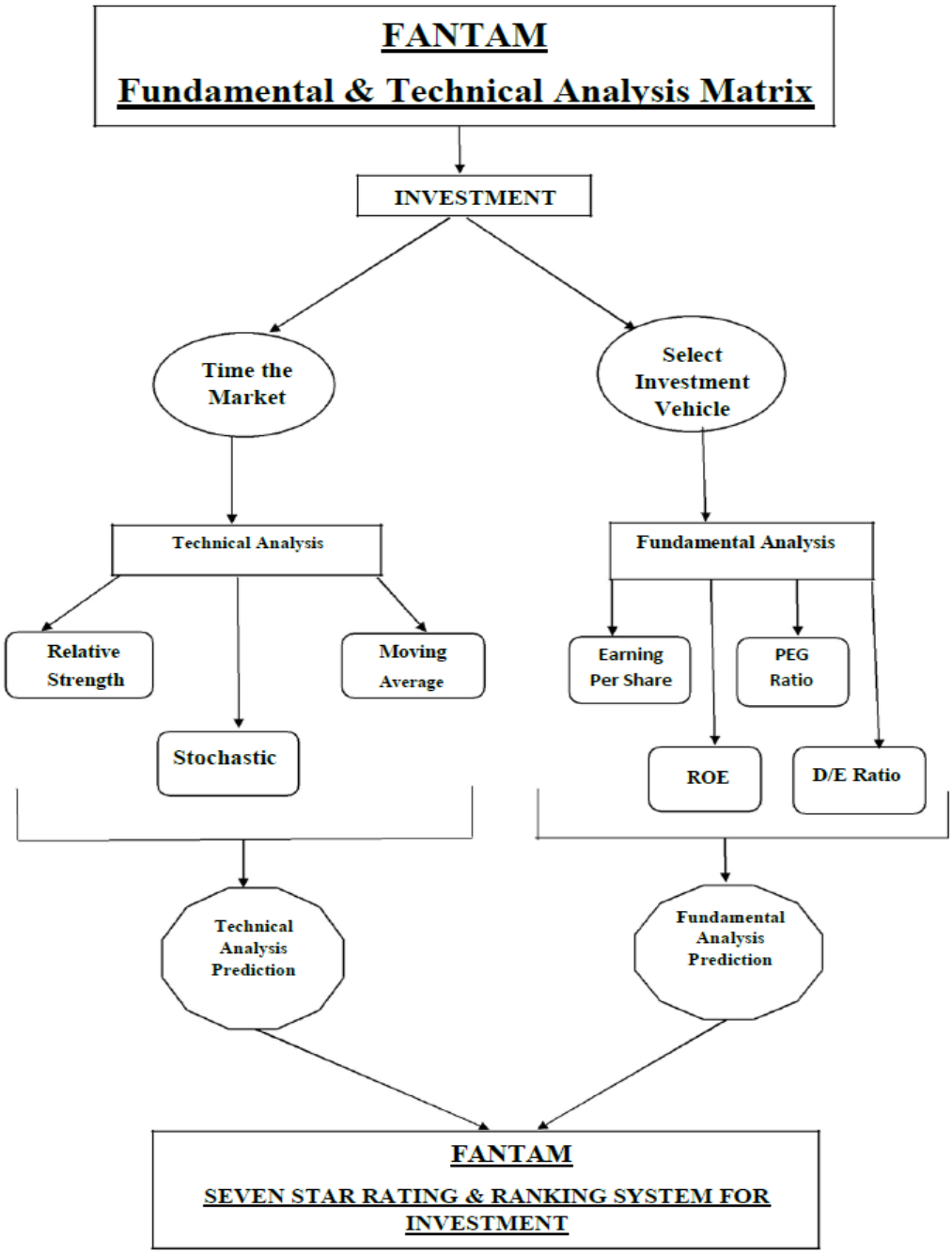
1. Select the good stocks on the ground of Fundamental basis.
   a) Bank nifty weight
   b) PEG Ratio
   c) EPS Ratio
   d) NIM Ratio
   e) BETA
2. Apply technical analysis (RSI)on selected share (Fundamental analysis basis) for identifying buying & selling timing to generate maximum revenue.

The "FANTAM" Frontier Predictive Model



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The present study involves exploratory & experiment research design which includes Bank nifty heavy weight selected stocks which are listed in Nifty50

1) ICICI Bank
2) HDFC Bank
3) Axis Bank
4) Kotak Mahindra Bank
5) SBI.

Fundamental Factors to Select Stocks:

1. **Bank nifty Heavy Weight:**

NIFTY Bank Index comprises of the most liquid and large Indian Banking stocks. Our criteria to select present stocks are weight assign to each stock in Banknifty index.

2.**PEG RATIO:**

The price /earnings to growth ratio is a stock valuation measure that stockholder can use to get a broad valuation of a company performance & estimate investment risk. lower PEG indicate that stock is undervalued .

3**. P/E Ratio:**

P/E ratio establishes the relationship between share price to its earning per share.A high P/E ratio means company stock price is overvalued & vice versa.

4. **Net Interest Margin:**

Net interest Margin (NIM) is the measure of the difference between interest income generated by banks or other financial institutions& the amount of interest paid out to their creditors.

5. **BETA:**

A BETA is coefficient is a measure of the volatility, or systematic risk, of individual stock in comparison to the unsystematic risk of the entire market.

Table :1 Banking Share Selected On Fundamental Factor Analysis

S.No.	COMPANY NAME	Weightage (%) BANK NIFTY	PEG RATIO	PE RATIO	EPS	Net Interest Margin	BETA
1	KotakMahindraBank	13.51	1.83	36.74	45.65	3.94	0.39
2	ICICIBANK	20.3	0.9	52.43	10.22	2.71	0.73
3	HDFCBank	29.22	1.28	25.5	47.96	4.16	0.38
4	StateBankofIndia	11	1.76	26.08	10.63	2.74	1.54
5	AxisBank	13.06	2.21	43.42	16.98	2.96	1.09

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Table: 2 Descriptive StatisticsDifferent Fundamental AnalysisVariables:

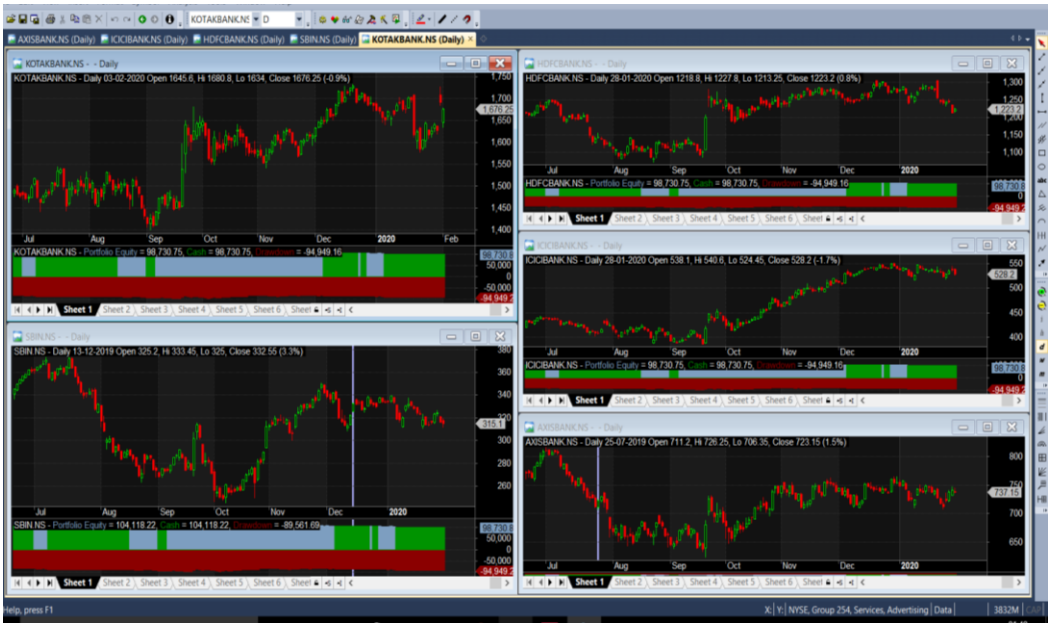
Fundamental Factors	Mean	Std. Deviation	N
Bank Nifty Weight	17.4180	7.46740	5
PEG	1.5960	.51062	5
PE	36.8340	11.51876	5
EPS	26.2880	18.93776	5
NIM	3.3020	.69399	5
BETA	.8260	.49440	5

Sample Size and source of data

In the present study data is taken only for Indian market from January 2013 to January 2020. The whole data of daily trade and prices of the markets is taken from the website: www.finance.yahoo.com.

Tools used

Amibroker Software



- AFL language
- RSI based expert system

Figure :1 Technical Analysis Graphical Presentation of Selected Stocks

Fig: 1 Represent the Technical Analysis EOD chart of past 7 years of the following stocks

1. Kotak Mahindra Bank
2. ICICI Bank
3. HDFC Bank
4. SBI
5. AXIS Bank

We design an expert system which is based on RSI (Relative Strength Index). The Relative strength index is a technical indicator used in the

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analysis of financial markets. It is intended to chart the current and historical strength or weakness of a stock or market based on the closing prices of a recent trading period.

After filtering the stock on the basis of Fundamental analysis, further we backtest the present selected stocks one by one & get the following results.

Table: 3 Technical Analysis Result Analysis & Interpretation of Selected Stocks

Co. Name/Factors	Kotak Mahindra Bank 1	ICICIBANK 2	HDFCBank 3	State Bankof India 4	AxisBank 5
Initial capital	100000	100000	100000	100000	100000
Ending capital	169778	155772	187791	251458	98730
Net Profit/loss	69778	55772	87791	151458	-1269
Net Profit %	69.78	55.77	87.77	151.46	-1.27
Annual Return %	7.79	6.48	9.34	13.95	0.18
Total Profit	209061	192900	207569	315652	202294
All trades	76	63	79	45	78
Winners trade	28	24	27	18	24
Loose trade	48	39	52	27	54
Largest win	27499	35057	27813	67469	30636
Max. trade % drawdown	26	39	14	44	66
Profit Factor	1.5	1.41	1.73	1.92	0.99
Sharpe Ratio of trades	0.41	0.37	0.61	0.67	0.01

Conclusion & Findings

It can be concluded from the above study that RSI expert system building technique can help the investors in getting positive returns from the market. More than 80% of our selected stocks provide us positive return after applying Techno-Fundamental matrix. It also well defines risk management system with average draw down of 27%. Except Axis bank, all other investment avenue provides us positives returns; especially SBI Bank gives us annual growth 14 % approx. We can conclude that there is significance difference between Techno-fundamental

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analysis & traditional analysis methods for portfolio selection. Techno-fundamental analysis provides us healthy return on the past 7 years of EOD data of backtesting. With the help of expert system, one can generate good amount of return but keep in mind risk –reward ratio before creating expert system. A possible direction of an extension of our research is backtesting of optimization on EMA analysis along with different ratios analysis technique. In future we can further explore this strategy to get best results with different combinations of ratios & different time frame.

Statistical View of Techno-Fundamental Analysis on Selected Stocks

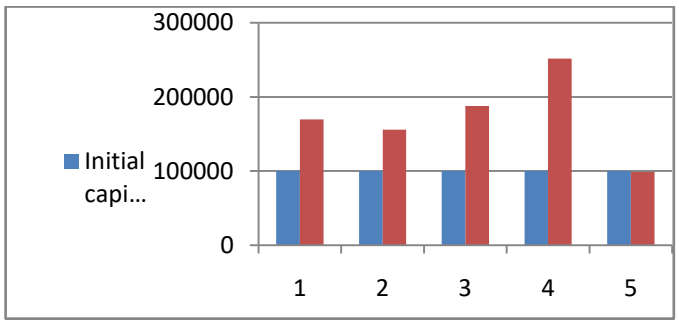

Figure: 2 Initial capital & Ending Capital of selected stocks

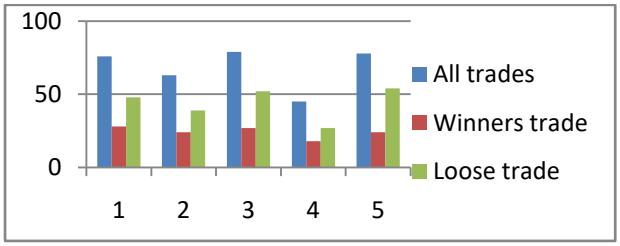

Figure: 3 All Trade, Winner Trade & Loose Trade

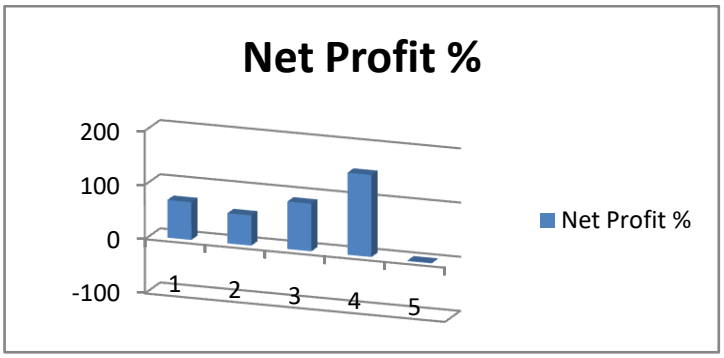

Figure: 4 Net profit /loss of Selected Stocks

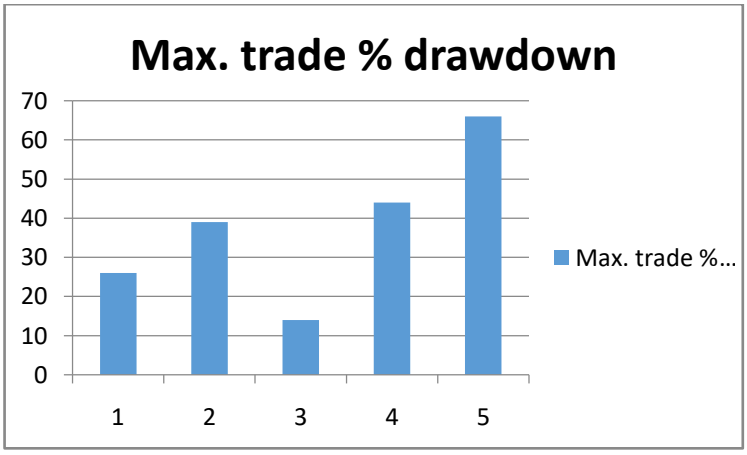

Figure: 5 Maximum Trade % Drawdown

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Table :4

BUY –SELL PREDICTION SIGNAL GENERATED BY EXPERT SYSTEM BASED ON RSI

Symbol	Trade	Date	Close	Symbol	Trade	Date	Close
AXISBANK.NS	Buy	03-01-2013	277.99	HDFCBANK.NS	Buy	15-01-2020	1284.25
AXISBANK.NS	Sell	07-01-2013	274.57	HDFCBANK.NS	Sell	26-12-2019	1270.45
AXISBANK.NS	Buy	15-01-2013	284.86	HDFCBANK.NS	Buy	18-12-2019	1292.35
AXISBANK.NS	Sell	18-01-2013	277.61	HDFCBANK.NS	Sell	26-11-2019	1275.05
AXISBANK.NS	Buy	29-01-2013	295.09	HDFCBANK.NS	Buy	14-11-2019	1273.9
AXISBANK.NS	Sell	14-02-2013	286.46	HDFCBANK.NS	Sell	04-11-2019	1236.85
AXISBANK.NS	Buy	15-04-2013	258.84	HDFCBANK.NS	Buy	26-08-2019	1128.07
AXISBANK.NS	Sell	28-05-2013	293.7	HDFCBANK.NS	Sell	22-08-2019	1087.05
AXISBANK.NS	Buy	01-07-2013	269.76	HDFCBANK.NS	Sell	21-08-2019	1112.93
AXISBANK.NS	Sell	04-07-2013	252.99	HDFCBANK.NS	Buy	21-08-2019	1112.93
AXISBANK.NS	Buy	05-07-2013	257.61	HDFCBANK.NS	Buy	20-08-2019	1110.3
AXISBANK.NS	Buy	08-07-2013	250.51	HDFCBANK.NS	Sell	19-08-2019	1103.43
AXISBANK.NS	Sell	08-07-2013	250.51	HDFCBANK.NS	Buy	16-08-2019	1113.85
AXISBANK.NS	Buy	09-07-2013	252.87	HDFCBANK.NS	Sell	13-08-2019	1110.18
AXISBANK.NS	Sell	09-07-2013	252.87	HDFCBANK.NS	Buy	09-08-2019	1141
AXISBANK.NS	Sell	10-07-2013	251.35	HDFCBANK.NS	Sell	05-07-2019	1236.2
AXISBANK.NS	Buy	11-07-2013	257.55	HDFCBANK.NS	Buy	01-07-2019	1242.78
AXISBANK.NS	Buy	12-07-2013	258.31	HDFCBANK.NS	Sell	14-06-2019	1217.55
AXISBANK.NS	Sell	16-07-2013	246.17	HDFCBANK.NS	Buy	17-05-2019	1181.05
AXISBANK.NS	Buy	13-08-2013	228.55	HDFCBANK.NS	Sell	08-05-2019	1153.62

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AXISBANK.NS	Sell	19-08-2013	197.6	HDFCBANK.NS	Buy	02-05-2019	1177.9
AXISBANK.NS	Buy	06-09-2013	190.48	HDFCBANK.NS	Sell	11-04-2019	1128.75
AXISBANK.NS	Sell	11-11-2013	215.43	HDFCBANK.NS	Buy	07-03-2019	1063.25
AXISBANK.NS	Buy	02-12-2013	238.15	HDFCBANK.NS	Sell	27-02-2019	1046.12
AXISBANK.NS	Sell	03-01-2014	252.18	HDFCBANK.NS	Sell	26-02-2019	1055.32
AXISBANK.NS	Buy	18-02-2014	233.08	HDFCBANK.NS	Buy	26-02-2019	1055.32
AXISBANK.NS	Sell	07-05-2014	307.54	HDFCBANK.NS	Buy	25-02-2019	1062.7
AXISBANK.NS	Buy	09-05-2014	325.8	HDFCBANK.NS	Sell	22-02-2019	1045.72
AXISBANK.NS	Sell	13-06-2014	363.6	HDFCBANK.NS	Buy	21-02-2019	1057.95
AXISBANK.NS	Buy	18-07-2014	399.16	HDFCBANK.NS	Sell	15-02-2019	1050.32
AXISBANK.NS	Sell	28-07-2014	395.35	HDFCBANK.NS	Buy	06-02-2019	1061.32
AXISBANK.NS	Buy	19-08-2014	397.85	HDFCBANK.NS	Sell	07-01-2019	1060.32
AXISBANK.NS	Sell	16-09-2014	399.15	HDFCBANK.NS	Buy	14-11-2018	978.875
AXISBANK.NS	Buy	14-10-2014	397.1	HDFCBANK.NS	Sell	12-11-2018	960.525
AXISBANK.NS	Buy	15-10-2014	397.1	HDFCBANK.NS	Buy	07-11-2018	978.975
AXISBANK.NS	Sell	12-12-2014	483.4	HDFCBANK.NS	Sell	29-10-2018	963.15
AXISBANK.NS	Buy	02-01-2015	514.3	HDFCBANK.NS	Buy	12-10-2018	990.925
AXISBANK.NS	Sell	06-01-2015	499.05	HDFCBANK.NS	Sell	08-10-2018	972.5
AXISBANK.NS	Buy	19-01-2015	528.95	HDFCBANK.NS	Buy	05-10-2018	982.65
AXISBANK.NS	Sell	10-02-2015	554.1	HDFCBANK.NS	Sell	04-10-2018	978.875
AXISBANK.NS	Buy	02-03-2015	647.55	HDFCBANK.NS	Buy	01-10-2018	1017.72
AXISBANK.NS	Sell	10-03-2015	585.45	HDFCBANK.NS	Sell	01-08-2018	1079.35
AXISBANK.NS	Buy	30-04-2015	567.8	HDFCBANK.NS	Buy	25-06-2018	1047.47
AXISBANK.NS	Sell	07-05-2015	527.35	HDFCBANK.NS	Sell	12-06-2018	1021.92
AXISBANK.NS	Buy	11-05-2015	551.1	HDFCBANK.NS	Buy	28-05-2018	1021.1
AXISBANK.NS	Sell	12-05-2015	532.35	HDFCBANK.NS	Sell	24-05-2018	993
AXISBANK.NS	Buy	13-05-2015	558.5	HDFCBANK.NS	Buy	26-03-2018	946.725
AXISBANK.NS	Sell	04-06-2015	556.4	HDFCBANK.NS	Sell	23-03-2018	920.775
AXISBANK.NS	Buy	22-06-2015	572.15	HDFCBANK.NS	Buy	22-03-2018	933.875
AXISBANK.NS	Sell	27-07-2015	555.8	HDFCBANK.NS	Sell	16-03-2018	926.5
AXISBANK.NS	Buy	14-09-2015	496.2	HDFCBANK.NS	Buy	15-03-2018	940.4
AXISBANK.NS	Sell	15-09-2015	481.9	HDFCBANK.NS	Sell	07-02-2018	936.4
AXISBANK.NS	Buy	16-09-2015	494.25	HDFCBANK.NS	Buy	15-01-2018	948.875
AXISBANK.NS	Sell	30-10-2015	475.4	HDFCBANK.NS	Sell	01-01-2018	927.25
AXISBANK.NS	Buy	30-11-2015	468.65	HDFCBANK.NS	Buy	15-12-2017	936.725
AXISBANK.NS	Sell	02-12-2015	459.5	HDFCBANK.NS	Sell	05-12-2017	910.225
AXISBANK.NS	Buy	22-12-2015	446.7	HDFCBANK.NS	Buy	21-11-2017	923.125
AXISBANK.NS	Sell	06-01-2016	430.7	HDFCBANK.NS	Sell	25-10-2017	897.55
AXISBANK.NS	Buy	22-01-2016	424.15	HDFCBANK.NS	Buy	13-10-2017	925.4
AXISBANK.NS	Sell	02-02-2016	390.9	HDFCBANK.NS	Sell	25-09-2017	899.875
AXISBANK.NS	Buy	05-02-2016	399.55	HDFCBANK.NS	Buy	11-09-2017	911.675
AXISBANK.NS	Buy	08-02-2016	408.55	HDFCBANK.NS	Sell	11-08-2017	874.525
AXISBANK.NS	Sell	11-02-2016	377.2	HDFCBANK.NS	Buy	24-07-2017	867.55
AXISBANK.NS	Buy	15-02-2016	417.65	HDFCBANK.NS	Sell	21-07-2017	851.525
AXISBANK.NS	Sell	25-02-2016	378.2	HDFCBANK.NS	Buy	21-07-2017	851.525

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AXISBANK.NS	Buy	02-03-2016	407.25	HDFCBANK.NS	Buy	20-07-2017	855.45
AXISBANK.NS	Sell	16-06-2016	523.45	HDFCBANK.NS	Sell	27-06-2017	833.825
AXISBANK.NS	Buy	01-07-2016	542.9	HDFCBANK.NS	Buy	25-05-2017	808.575
AXISBANK.NS	Sell	21-07-2016	538.05	HDFCBANK.NS	Sell	23-05-2017	784.55
AXISBANK.NS	Buy	05-08-2016	567.25	HDFCBANK.NS	Buy	21-04-2017	748.3
AXISBANK.NS	Sell	15-09-2016	588.75	HDFCBANK.NS	Sell	03-04-2017	716.6
AXISBANK.NS	Buy	09-11-2016	487.55	HDFCBANK.NS	Buy	30-03-2017	733.1
AXISBANK.NS	Buy	10-11-2016	506.95	HDFCBANK.NS	Sell	27-03-2017	704.925
AXISBANK.NS	Sell	15-11-2016	479.3	HDFCBANK.NS	Buy	23-12-2016	593.125
AXISBANK.NS	Buy	16-11-2016	472.7	HDFCBANK.NS	Sell	22-12-2016	586.55
AXISBANK.NS	Sell	17-11-2016	474.1	HDFCBANK.NS	Buy	21-12-2016	590
AXISBANK.NS	Buy	23-11-2016	480.5	HDFCBANK.NS	Sell	20-12-2016	590.95
AXISBANK.NS	Sell	24-11-2016	468.2	HDFCBANK.NS	Buy	20-12-2016	590.95
AXISBANK.NS	Buy	28-11-2016	472.9	HDFCBANK.NS	Sell	19-12-2016	588.375
AXISBANK.NS	Sell	29-11-2016	464.65	HDFCBANK.NS	Buy	19-12-2016	588.375
AXISBANK.NS	Buy	30-11-2016	469.85	HDFCBANK.NS	Sell	16-12-2016	591.15
AXISBANK.NS	Sell	02-12-2016	459.95	HDFCBANK.NS	Buy	16-12-2016	591.15
AXISBANK.NS	Buy	05-12-2016	460.75	HDFCBANK.NS	Buy	15-12-2016	588.3
AXISBANK.NS	Sell	06-12-2016	455.95	HDFCBANK.NS	Sell	14-12-2016	587.85
AXISBANK.NS	Buy	13-12-2016	452.95	HDFCBANK.NS	Buy	13-12-2016	593.125
AXISBANK.NS	Buy	14-12-2016	467.2	HDFCBANK.NS	Sell	12-12-2016	592.225
AXISBANK.NS	Sell	26-12-2016	432	HDFCBANK.NS	Buy	09-12-2016	599.15
AXISBANK.NS	Buy	30-12-2016	449.95	HDFCBANK.NS	Sell	16-11-2016	622.175
AXISBANK.NS	Sell	20-03-2017	502.85	HDFCBANK.NS	Buy	10-11-2016	639.275
AXISBANK.NS	Buy	10-04-2017	510.75	HDFCBANK.NS	Buy	09-11-2016	625.625
AXISBANK.NS	Sell	17-04-2017	502.35	HDFCBANK.NS	Sell	28-09-2016	647.625
AXISBANK.NS	Buy	25-04-2017	516.4	HDFCBANK.NS	Buy	31-08-2016	645.6
AXISBANK.NS	Sell	02-05-2017	505.55	HDFCBANK.NS	Buy	30-08-2016	634.325
AXISBANK.NS	Buy	04-05-2017	518.85	HDFCBANK.NS	Sell	26-08-2016	628.55
AXISBANK.NS	Sell	05-05-2017	504.5	HDFCBANK.NS	Buy	24-08-2016	630.9
AXISBANK.NS	Buy	09-05-2017	518.2	HDFCBANK.NS	Sell	10-08-2016	613.45
AXISBANK.NS	Sell	12-05-2017	503	HDFCBANK.NS	Buy	11-07-2016	599.875
AXISBANK.NS	Buy	30-05-2017	514.4	HDFCBANK.NS	Buy	07-07-2016	592.825
AXISBANK.NS	Sell	13-06-2017	506.45	HDFCBANK.NS	Sell	01-07-2016	587.25
AXISBANK.NS	Buy	19-06-2017	520.15	HDFCBANK.NS	Buy	30-06-2016	588.225
AXISBANK.NS	Sell	21-06-2017	507.75	HDFCBANK.NS	Sell	24-06-2016	580.95
AXISBANK.NS	Buy	30-06-2017	517.35	HDFCBANK.NS	Buy	23-06-2016	595.05
AXISBANK.NS	Sell	07-07-2017	503.15	HDFCBANK.NS	Sell	07-06-2016	586.85
AXISBANK.NS	Buy	18-07-2017	516.55	HDFCBANK.NS	Buy	02-03-2016	503.6
AXISBANK.NS	Sell	02-08-2017	516.9	HDFCBANK.NS	Sell	09-02-2016	513.025
AXISBANK.NS	Buy	24-08-2017	506.85	HDFCBANK.NS	Buy	01-02-2016	529.875
AXISBANK.NS	Sell	06-09-2017	492.85	HDFCBANK.NS	Sell	07-01-2016	528.1
AXISBANK.NS	Buy	14-09-2017	519.75	HDFCBANK.NS	Buy	17-12-2015	540.125
AXISBANK.NS	Sell	05-10-2017	501.2	HDFCBANK.NS	Buy	16-12-2015	533.65
AXISBANK.NS	Buy	10-10-2017	514.55	HDFCBANK.NS	Sell	04-12-2015	529.45

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AXISBANK.NS	Sell	18-10-2017	464.5	HDFCBANK.NS	Buy	27-11-2015	539.7
AXISBANK.NS	Buy	31-10-2017	523.15	HDFCBANK.NS	Sell	04-11-2015	540.85
AXISBANK.NS	Sell	04-12-2017	534.95	HDFCBANK.NS	Buy	16-09-2015	511.675
AXISBANK.NS	Buy	19-12-2017	553.65	HDFCBANK.NS	Sell	15-09-2015	506.575
AXISBANK.NS	Sell	12-01-2018	555.1	HDFCBANK.NS	Buy	15-09-2015	506.575
AXISBANK.NS	Buy	17-01-2018	585.2	HDFCBANK.NS	Buy	14-09-2015	509.85
AXISBANK.NS	Sell	02-02-2018	564.9	HDFCBANK.NS	Sell	04-08-2015	543.225
AXISBANK.NS	Buy	14-03-2018	536.15	HDFCBANK.NS	Buy	18-06-2015	509.8
AXISBANK.NS	Sell	16-03-2018	522.6	HDFCBANK.NS	Sell	11-06-2015	500.1
AXISBANK.NS	Buy	19-03-2018	519.45	HDFCBANK.NS	Buy	18-05-2015	504.925
AXISBANK.NS	Buy	20-03-2018	521.1	HDFCBANK.NS	Sell	20-02-2015	536.525
AXISBANK.NS	Sell	20-03-2018	521.1	HDFCBANK.NS	Buy	15-01-2015	496.575
AXISBANK.NS	Buy	21-03-2018	526.3	HDFCBANK.NS	Sell	14-01-2015	481.95
AXISBANK.NS	Sell	21-03-2018	526.3	HDFCBANK.NS	Buy	09-01-2015	487.825
AXISBANK.NS	Buy	22-03-2018	518.2	HDFCBANK.NS	Sell	05-01-2015	478.575
AXISBANK.NS	Sell	22-03-2018	518.2	HDFCBANK.NS	Buy	02-01-2015	482.65
AXISBANK.NS	Sell	23-03-2018	499.5	HDFCBANK.NS	Sell	08-12-2014	463.575
AXISBANK.NS	Buy	09-04-2018	519.3	HDFCBANK.NS	Buy	17-10-2014	442.625
AXISBANK.NS	Sell	24-04-2018	504.85	HDFCBANK.NS	Sell	16-10-2014	429.425
AXISBANK.NS	Buy	27-04-2018	539.2	HDFCBANK.NS	Buy	26-09-2014	435.825
AXISBANK.NS	Sell	06-06-2018	531.4	HDFCBANK.NS	Sell	23-09-2014	424.425
AXISBANK.NS	Buy	09-07-2018	525.25	HDFCBANK.NS	Buy	21-08-2014	416.25
AXISBANK.NS	Sell	12-09-2018	635.45	HDFCBANK.NS	Sell	07-07-2014	420.225
AXISBANK.NS	Buy	31-10-2018	582.4	HDFCBANK.NS	Buy	04-07-2014	428.325
AXISBANK.NS	Buy	01-11-2018	602.15	HDFCBANK.NS	Sell	20-06-2014	410.975
AXISBANK.NS	Sell	06-12-2018	600.05	HDFCBANK.NS	Buy	09-05-2014	378.4
AXISBANK.NS	Buy	19-12-2018	641.65	HDFCBANK.NS	Sell	04-04-2014	362.725
AXISBANK.NS	Sell	24-12-2018	615	HDFCBANK.NS	Buy	17-02-2014	325.2
AXISBANK.NS	Buy	07-01-2019	637.45	HDFCBANK.NS	Sell	27-01-2014	324.6
AXISBANK.NS	Sell	18-02-2019	693.3	HDFCBANK.NS	Buy	21-01-2014	338.05
AXISBANK.NS	Buy	05-03-2019	732.05	HDFCBANK.NS	Sell	17-01-2014	332.5
AXISBANK.NS	Sell	05-04-2019	762.2	HDFCBANK.NS	Buy	14-01-2014	336.15
AXISBANK.NS	Buy	20-05-2019	782.4	HDFCBANK.NS	Buy	13-01-2014	336.425
AXISBANK.NS	Sell	17-06-2019	777.7	HDFCBANK.NS	Sell	19-12-2013	326.275
AXISBANK.NS	Buy	01-07-2019	810.45	HDFCBANK.NS	Buy	05-12-2013	344.05
AXISBANK.NS	Sell	08-07-2019	782.9	HDFCBANK.NS	Sell	11-11-2013	327.125
AXISBANK.NS	Buy	19-08-2019	685	HDFCBANK.NS	Buy	05-09-2013	304.75
AXISBANK.NS	Buy	20-08-2019	672.35	HDFCBANK.NS	Sell	26-07-2013	322.05
AXISBANK.NS	Sell	20-08-2019	672.35	HDFCBANK.NS	Buy	05-07-2013	333.875
AXISBANK.NS	Buy	21-08-2019	664.7	HDFCBANK.NS	Sell	17-01-2020	1278.15
AXISBANK.NS	Sell	21-08-2019	664.7	HDFCBANK.NS	Buy	04-07-2013	327.575
AXISBANK.NS	Buy	22-08-2019	661.15	HDFCBANK.NS	Sell	03-07-2013	325.325
AXISBANK.NS	Sell	22-08-2019	661.15	HDFCBANK.NS	Buy	01-07-2013	334.375
AXISBANK.NS	Buy	23-08-2019	663.9	HDFCBANK.NS	Sell	03-06-2013	344.575
AXISBANK.NS	Sell	23-08-2019	663.9	HDFCBANK.NS	Buy	08-04-2013	312.225

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AXISBANK.NS	Buy	26-08-2019	683.7	HDFCBANK.NS	Buy	05-04-2013	310.475
AXISBANK.NS	Sell	03-09-2019	645.7	HDFCBANK.NS	Sell	04-04-2013	308.075
AXISBANK.NS	Buy	06-09-2019	671.1	HDFCBANK.NS	Buy	02-04-2013	314.95
AXISBANK.NS	Sell	05-12-2019	729.25	HDFCBANK.NS	Sell	19-03-2013	315.775
AXISBANK.NS	Buy	23-12-2019	743.15	HDFCBANK.NS	Buy	18-03-2013	321.65
AXISBANK.NS	Sell	24-12-2019	740.65	HDFCBANK.NS	Sell	15-03-2013	319.7
AXISBANK.NS	Buy	27-12-2019	760.15	HDFCBANK.NS	Buy	14-03-2013	324.625
AXISBANK.NS	Sell	06-01-2020	723.25	HDFCBANK.NS	Sell	13-03-2013	317.45
ICICIBANK.NS	Sell	17-01-2013	211.364	HDFCBANK.NS	Buy	11-03-2013	327.625
ICICIBANK.NS	Sell	31-01-2013	216.573	HDFCBANK.NS	Sell	26-02-2013	325.625
ICICIBANK.NS	Buy	07-03-2013	203.118	HDFCBANK.NS	Buy	12-02-2013	332.6
ICICIBANK.NS	Sell	15-03-2013	194.091	HDFCBANK.NS	Buy	11-02-2013	328.475
ICICIBANK.NS	Buy	12-04-2013	190.064	HDFCBANK.NS	Sell	08-07-2016	587.425
ICICIBANK.NS	Sell	03-06-2013	208.209	KOTAKBANK.NS	Buy	16-01-2014	365.725
ICICIBANK.NS	Buy	04-07-2013	193.4	KOTAKBANK.NS	Buy	15-01-2014	364.575
ICICIBANK.NS	Sell	05-07-2013	191.191	KOTAKBANK.NS	Sell	17-12-2013	370.3
ICICIBANK.NS	Buy	12-07-2013	192.8	KOTAKBANK.NS	Buy	26-11-2013	372.925
ICICIBANK.NS	Buy	15-07-2013	192.918	KOTAKBANK.NS	Sell	21-11-2013	355.75
ICICIBANK.NS	Sell	16-07-2013	182.445	KOTAKBANK.NS	Buy	29-10-2013	366.525
ICICIBANK.NS	Buy	14-08-2013	164.718	KOTAKBANK.NS	Sell	15-10-2013	341.45
ICICIBANK.NS	Sell	16-08-2013	156.109	KOTAKBANK.NS	Buy	05-09-2013	331
ICICIBANK.NS	Buy	02-09-2013	150.291	KOTAKBANK.NS	Sell	03-09-2013	300.325
ICICIBANK.NS	Sell	03-09-2013	142.464	KOTAKBANK.NS	Buy	29-08-2013	323.725
ICICIBANK.NS	Buy	04-09-2013	148.682	KOTAKBANK.NS	Buy	23-08-2013	321.275
ICICIBANK.NS	Sell	21-11-2013	187.318	KOTAKBANK.NS	Sell	24-07-2013	344.725
ICICIBANK.NS	Buy	05-12-2013	206.518	KOTAKBANK.NS	Sell	21-01-2014	353.15
ICICIBANK.NS	Sell	17-12-2013	199.691	KOTAKBANK.NS	Sell	17-07-2013	355.7
ICICIBANK.NS	Buy	22-01-2014	197.809	KOTAKBANK.NS	Buy	11-07-2013	372.9
ICICIBANK.NS	Sell	24-01-2014	192.4	KOTAKBANK.NS	Sell	07-06-2013	381.45
ICICIBANK.NS	Buy	17-02-2014	183.482	KOTAKBANK.NS	Buy	16-04-2013	326.6
ICICIBANK.NS	Sell	15-04-2014	221.718	KOTAKBANK.NS	Sell	04-04-2013	316.35
ICICIBANK.NS	Buy	23-04-2014	236.282	KOTAKBANK.NS	Buy	02-04-2013	328.15
ICICIBANK.NS	Sell	29-04-2014	229.6	KOTAKBANK.NS	Sell	18-03-2013	327.1
ICICIBANK.NS	Buy	09-05-2014	250.655	KOTAKBANK.NS	Buy	15-03-2013	332.15
ICICIBANK.NS	Sell	11-06-2014	267.255	KOTAKBANK.NS	Sell	13-03-2013	325.225
ICICIBANK.NS	Buy	18-07-2014	269.173	KOTAKBANK.NS	Buy	08-03-2013	337.65
ICICIBANK.NS	Sell	06-08-2014	263.109	KOTAKBANK.NS	Sell	18-02-2013	332.9
ICICIBANK.NS	Buy	18-08-2014	278.309	KOTAKBANK.NS	Buy	24-01-2013	326.525
ICICIBANK.NS	Sell	15-09-2014	282.427	KOTAKBANK.NS	Buy	18-02-2014	340.15
ICICIBANK.NS	Buy	17-10-2014	273.673	KOTAKBANK.NS	Sell	08-05-2014	406
ICICIBANK.NS	Buy	20-10-2014	279.436	KOTAKBANK.NS	Buy	09-05-2014	425.375
ICICIBANK.NS	Sell	12-12-2014	314.818	KOTAKBANK.NS	Sell	28-05-2014	429.475
ICICIBANK.NS	Buy	02-01-2015	329.364	KOTAKBANK.NS	Buy	11-06-2014	464.275
ICICIBANK.NS	Sell	06-01-2015	316.045	KOTAKBANK.NS	Sell	23-06-2014	447.525
ICICIBANK.NS	Buy	20-01-2015	334.318	KOTAKBANK.NS	Sell	31-12-2019	1684.35

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ICICIBANK.NS	Sell	02-02-2015	319.864	KOTAKBANK.NS	Buy	02-12-2019	1633
ICICIBANK.NS	Buy	03-03-2015	316.955	KOTAKBANK.NS	Buy	29-11-2019	1615.2
ICICIBANK.NS	Sell	09-03-2015	302.545	KOTAKBANK.NS	Sell	20-11-2019	1599.45
ICICIBANK.NS	Buy	28-04-2015	297.136	KOTAKBANK.NS	Buy	15-11-2019	1622.75
ICICIBANK.NS	Sell	15-05-2015	283.955	KOTAKBANK.NS	Sell	25-10-2019	1588.6
ICICIBANK.NS	Buy	20-05-2015	289.773	KOTAKBANK.NS	Buy	20-09-2019	1538.85
ICICIBANK.NS	Sell	26-05-2015	281.545	KOTAKBANK.NS	Sell	19-09-2019	1452.6
ICICIBANK.NS	Buy	01-06-2015	287.682	KOTAKBANK.NS	Buy	19-09-2019	1452.6
ICICIBANK.NS	Sell	02-06-2015	276.818	KOTAKBANK.NS	Buy	18-09-2019	1464.75
ICICIBANK.NS	Buy	16-06-2015	274.591	KOTAKBANK.NS	Sell	17-09-2019	1448.3
ICICIBANK.NS	Sell	24-07-2015	273.273	KOTAKBANK.NS	Buy	13-09-2019	1484.25
ICICIBANK.NS	Buy	05-08-2015	283.045	KOTAKBANK.NS	Sell	22-08-2019	1478.25
ICICIBANK.NS	Sell	12-08-2015	265.136	KOTAKBANK.NS	Sell	21-08-2019	1505.75
ICICIBANK.NS	Buy	16-09-2015	248.045	KOTAKBANK.NS	Buy	21-08-2019	1505.75
ICICIBANK.NS	Sell	04-11-2015	248.5	KOTAKBANK.NS	Buy	20-08-2019	1505.1
ICICIBANK.NS	Buy	27-11-2015	245.5	KOTAKBANK.NS	Sell	19-08-2019	1496.35
ICICIBANK.NS	Sell	07-12-2015	239.136	KOTAKBANK.NS	Buy	16-08-2019	1498.95
ICICIBANK.NS	Buy	22-12-2015	235.955	KOTAKBANK.NS	Sell	14-08-2019	1491.8
ICICIBANK.NS	Sell	07-01-2016	224.318	KOTAKBANK.NS	Buy	09-08-2019	1532.1
ICICIBANK.NS	Buy	29-01-2016	209.227	KOTAKBANK.NS	Sell	05-08-2019	1460.1
ICICIBANK.NS	Sell	01-02-2016	197.455	KOTAKBANK.NS	Buy	02-08-2019	1507.6
ICICIBANK.NS	Buy	01-03-2016	186.318	KOTAKBANK.NS	Sell	01-08-2019	1495.8
ICICIBANK.NS	Sell	03-05-2016	201	KOTAKBANK.NS	Buy	31-07-2019	1519.55
ICICIBANK.NS	Buy	25-05-2016	213.636	KOTAKBANK.NS	Sell	29-07-2019	1502.5
ICICIBANK.NS	Sell	20-06-2016	216.455	KOTAKBANK.NS	Buy	26-07-2019	1511.85
ICICIBANK.NS	Buy	04-07-2016	225.591	KOTAKBANK.NS	Sell	22-07-2019	1454.3
ICICIBANK.NS	Sell	02-08-2016	223	KOTAKBANK.NS	Buy	17-07-2019	1534.6
ICICIBANK.NS	Sell	27-09-2016	236.364	KOTAKBANK.NS	Sell	12-06-2019	1483.5
ICICIBANK.NS	Buy	18-10-2016	245.773	KOTAKBANK.NS	Buy	14-03-2019	1268.95
ICICIBANK.NS	Sell	16-11-2016	242	KOTAKBANK.NS	Sell	22-02-2019	1237.9
ICICIBANK.NS	Buy	13-12-2016	240.364	KOTAKBANK.NS	Buy	04-02-2019	1272.2
ICICIBANK.NS	Sell	14-12-2016	236.864	KOTAKBANK.NS	Sell	30-01-2019	1222.2
ICICIBANK.NS	Buy	05-01-2017	233.864	KOTAKBANK.NS	Buy	21-01-2019	1267.6
ICICIBANK.NS	Sell	28-02-2017	251.227	KOTAKBANK.NS	Sell	09-01-2019	1238.25
ICICIBANK.NS	Buy	03-04-2017	260.636	KOTAKBANK.NS	Buy	12-10-2018	1167.15
ICICIBANK.NS	Sell	07-04-2017	252.136	KOTAKBANK.NS	Buy	11-10-2018	1115.55
ICICIBANK.NS	Buy	11-04-2017	257.864	KOTAKBANK.NS	Sell	05-09-2018	1238.15
ICICIBANK.NS	Sell	20-04-2017	247.955	KOTAKBANK.NS	Buy	04-09-2018	1257.6
ICICIBANK.NS	Buy	04-05-2017	270.727	KOTAKBANK.NS	Sell	03-09-2018	1269.1
ICICIBANK.NS	Sell	14-06-2017	290.045	KOTAKBANK.NS	Buy	31-08-2018	1287.25
ICICIBANK.NS	Buy	17-07-2017	303.5	KOTAKBANK.NS	Sell	30-08-2018	1278.05
ICICIBANK.NS	Sell	28-07-2017	296.15	KOTAKBANK.NS	Buy	30-08-2018	1278.05
ICICIBANK.NS	Buy	29-08-2017	299.5	KOTAKBANK.NS	Sell	29-08-2018	1288.6
ICICIBANK.NS	Sell	31-08-2017	298.05	KOTAKBANK.NS	Buy	29-08-2018	1288.6
ICICIBANK.NS	Buy	25-10-2017	305.7	KOTAKBANK.NS	Buy	28-08-2018	1285.1

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ICICIBANK.NS	Sell	30-11-2017	307.55	KOTAKBANK.NS	Sell	19-07-2018	1347.4
ICICIBANK.NS	Buy	21-12-2017	315.45	KOTAKBANK.NS	Buy	04-07-2018	1365.25
ICICIBANK.NS	Sell	01-01-2018	310.3	KOTAKBANK.NS	Sell	11-06-2018	1323.35
ICICIBANK.NS	Buy	12-01-2018	317.7	KOTAKBANK.NS	Buy	02-04-2018	1096.55
ICICIBANK.NS	Buy	15-01-2018	329.3	KOTAKBANK.NS	Sell	16-03-2018	1060.75
ICICIBANK.NS	Sell	07-02-2018	332.55	KOTAKBANK.NS	Buy	23-02-2018	1080.85
ICICIBANK.NS	Buy	06-04-2018	280.65	KOTAKBANK.NS	Sell	09-02-2018	1032
ICICIBANK.NS	Buy	09-04-2018	280.85	KOTAKBANK.NS	Buy	11-01-2018	1017.65
ICICIBANK.NS	Sell	31-05-2018	285.8	KOTAKBANK.NS	Sell	21-12-2017	1010.55
ICICIBANK.NS	Buy	21-06-2018	297.95	KOTAKBANK.NS	Buy	14-12-2017	1024.65
ICICIBANK.NS	Sell	27-06-2018	279.05	KOTAKBANK.NS	Sell	30-11-2017	1000.3
ICICIBANK.NS	Buy	23-07-2018	275.55	KOTAKBANK.NS	Buy	24-11-2017	1030.35
ICICIBANK.NS	Sell	10-09-2018	332.9	KOTAKBANK.NS	Sell	23-11-2017	1022.1
ICICIBANK.NS	Buy	12-10-2018	319.4	KOTAKBANK.NS	Buy	20-11-2017	1040.55
ICICIBANK.NS	Buy	15-10-2018	313.35	KOTAKBANK.NS	Sell	25-10-2017	1010.55
ICICIBANK.NS	Sell	15-10-2018	313.35	KOTAKBANK.NS	Buy	04-10-2017	1029.45
ICICIBANK.NS	Buy	16-10-2018	320.65	KOTAKBANK.NS	Sell	26-09-2017	994
ICICIBANK.NS	Sell	17-10-2018	314.8	KOTAKBANK.NS	Buy	06-09-2017	996.15
ICICIBANK.NS	Buy	19-10-2018	315.45	KOTAKBANK.NS	Sell	04-08-2017	996.2
ICICIBANK.NS	Buy	22-10-2018	327.1	KOTAKBANK.NS	Buy	27-07-2017	998.15
ICICIBANK.NS	Sell	26-10-2018	315.65	KOTAKBANK.NS	Sell	26-07-2017	986.55
ICICIBANK.NS	Buy	29-10-2018	349.4	KOTAKBANK.NS	Buy	21-07-2017	999.45
ICICIBANK.NS	Sell	30-11-2018	355.15	KOTAKBANK.NS	Sell	20-07-2017	980
ICICIBANK.NS	Buy	18-12-2018	362.25	KOTAKBANK.NS	Buy	19-07-2017	994.2
ICICIBANK.NS	Sell	21-12-2018	354.2	KOTAKBANK.NS	Sell	23-06-2017	985.2
ICICIBANK.NS	Buy	28-12-2018	360.75	KOTAKBANK.NS	Buy	21-06-2017	991.95
ICICIBANK.NS	Sell	31-12-2018	360.15	KOTAKBANK.NS	Sell	12-06-2017	976.7
ICICIBANK.NS	Buy	01-01-2019	363.75	KOTAKBANK.NS	Buy	09-06-2017	985.1
ICICIBANK.NS	Sell	22-01-2019	369.05	KOTAKBANK.NS	Sell	06-06-2017	966.4
ICICIBANK.NS	Buy	25-02-2019	355.6	KOTAKBANK.NS	Buy	26-05-2017	965.05
ICICIBANK.NS	Sell	26-02-2019	348.2	KOTAKBANK.NS	Sell	24-05-2017	936.1
ICICIBANK.NS	Buy	28-02-2019	350.15	KOTAKBANK.NS	Buy	10-05-2017	927.65
ICICIBANK.NS	Buy	01-03-2019	354.25	KOTAKBANK.NS	Sell	05-05-2017	908.3
ICICIBANK.NS	Sell	11-04-2019	390.05	KOTAKBANK.NS	Buy	27-04-2017	916.65
ICICIBANK.NS	Buy	22-05-2019	405.35	KOTAKBANK.NS	Sell	18-04-2017	881.65
ICICIBANK.NS	Sell	14-06-2019	417.75	KOTAKBANK.NS	Buy	06-01-2017	716.85
ICICIBANK.NS	Buy	20-06-2019	433.4	KOTAKBANK.NS	Sell	04-01-2017	695.6
ICICIBANK.NS	Sell	08-07-2019	425.9	KOTAKBANK.NS	Buy	30-12-2016	719.7
ICICIBANK.NS	Buy	14-08-2019	417.3	KOTAKBANK.NS	Sell	29-12-2016	713.4
ICICIBANK.NS	Buy	16-08-2019	418.95	KOTAKBANK.NS	Buy	29-12-2016	713.4
ICICIBANK.NS	Sell	16-08-2019	418.95	KOTAKBANK.NS	Sell	28-12-2016	713.05
ICICIBANK.NS	Buy	19-08-2019	423.4	KOTAKBANK.NS	Buy	28-12-2016	713.05
ICICIBANK.NS	Sell	21-08-2019	412.05	KOTAKBANK.NS	Buy	27-12-2016	712.15
ICICIBANK.NS	Buy	27-08-2019	418.6	KOTAKBANK.NS	Sell	16-11-2016	770.55
ICICIBANK.NS	Buy	28-08-2019	412.95	KOTAKBANK.NS	Buy	26-10-2016	811.5

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ICICIBANK.NS	Sell	28-08-2019	412.95	KOTAKBANK.NS	Sell	20-09-2016	792.75
ICICIBANK.NS	Sell	29-08-2019	404.4	KOTAKBANK.NS	Buy	18-08-2016	784.4
ICICIBANK.NS	Buy	13-09-2019	413.4	KOTAKBANK.NS	Sell	22-07-2016	760.05
ICICIBANK.NS	Sell	19-09-2019	386.6	KOTAKBANK.NS	Buy	13-07-2016	775
ICICIBANK.NS	Buy	20-09-2019	417.5	KOTAKBANK.NS	Sell	01-07-2016	753.4
ICICIBANK.NS	Sell	26-12-2019	538.75	KOTAKBANK.NS	Buy	30-06-2016	763.35
ICICIBANK.NS	Buy	30-01-2013	220.491	KOTAKBANK.NS	Sell	20-06-2016	751.95
ICICIBANK.NS	Buy	30-08-2016	232.955	KOTAKBANK.NS	Buy	27-05-2016	742.55
SBIN.NS	Sell	22-01-2013	246.445	KOTAKBANK.NS	Sell	20-05-2016	702.15
SBIN.NS	Buy	08-03-2013	220.95	KOTAKBANK.NS	Buy	02-03-2016	656.3
SBIN.NS	Buy	11-03-2013	220.47	KOTAKBANK.NS	Buy	01-03-2016	638.45
SBIN.NS	Sell	20-03-2013	212.04	KOTAKBANK.NS	Sell	08-02-2016	673.1
SBIN.NS	Buy	15-04-2013	214.63	KOTAKBANK.NS	Buy	05-02-2016	692
SBIN.NS	Sell	24-05-2013	215.12	KOTAKBANK.NS	Sell	08-01-2016	695.1
SBIN.NS	Buy	01-07-2013	201.56	KOTAKBANK.NS	Buy	15-12-2015	686.6
SBIN.NS	Buy	02-07-2013	198.99	KOTAKBANK.NS	Sell	09-12-2015	668.6
SBIN.NS	Sell	03-07-2013	189.875	KOTAKBANK.NS	Buy	14-09-2015	645.75
SBIN.NS	Buy	23-07-2013	186.095	KOTAKBANK.NS	Sell	31-07-2015	695.4
SBIN.NS	Sell	24-07-2013	180.125	KOTAKBANK.NS	Buy	22-06-2015	678.95
SBIN.NS	Buy	05-09-2013	163.815	KOTAKBANK.NS	Sell	03-06-2015	672.975
SBIN.NS	Sell	13-12-2013	174.36	KOTAKBANK.NS	Buy	19-05-2015	688.65
SBIN.NS	Buy	19-02-2014	150.805	KOTAKBANK.NS	Buy	18-05-2015	682.175
SBIN.NS	Sell	20-02-2014	148.06	KOTAKBANK.NS	Sell	06-05-2015	675.6
SBIN.NS	Buy	21-02-2014	150.21	KOTAKBANK.NS	Buy	05-05-2015	711.625
SBIN.NS	Sell	13-06-2014	260.79	KOTAKBANK.NS	Sell	21-04-2015	676.5
SBIN.NS	Buy	21-08-2014	246.755	KOTAKBANK.NS	Buy	06-04-2015	698.8
SBIN.NS	Buy	22-08-2014	252.47	KOTAKBANK.NS	Sell	12-03-2015	685
SBIN.NS	Sell	25-09-2014	237.77	KOTAKBANK.NS	Buy	02-03-2015	702.35
SBIN.NS	Buy	14-10-2014	252.355	KOTAKBANK.NS	Buy	27-02-2015	668.875
SBIN.NS	Sell	16-12-2014	295.6	KOTAKBANK.NS	Sell	29-01-2015	665.7
SBIN.NS	Buy	21-01-2015	326.2	KOTAKBANK.NS	Buy	08-01-2015	670.325
SBIN.NS	Sell	30-01-2015	308.95	KOTAKBANK.NS	Sell	24-12-2014	622.675
SBIN.NS	Buy	08-04-2015	273.9	KOTAKBANK.NS	Buy	20-11-2014	578.35
SBIN.NS	Sell	28-04-2015	272.5	KOTAKBANK.NS	Sell	19-11-2014	538.775
SBIN.NS	Buy	14-05-2015	280.95	KOTAKBANK.NS	Buy	22-10-2014	531.5
SBIN.NS	Sell	02-06-2015	266.25	KOTAKBANK.NS	Sell	16-09-2014	513.725
SBIN.NS	Buy	22-06-2015	266	KOTAKBANK.NS	Buy	23-07-2013	365.05
SBIN.NS	Sell	27-07-2015	258.45	KOTAKBANK.NS	Buy	17-07-2014	457.45
SBIN.NS	Buy	03-08-2015	281.05	KOTAKBANK.NS	Sell	26-08-2013	316.575
SBIN.NS	Sell	13-08-2015	259.3				
SBIN.NS	Buy	18-08-2015	284.8				
SBIN.NS	Sell	24-08-2015	245.4				
SBIN.NS	Buy	18-09-2015	242				
SBIN.NS	Sell	02-11-2015	236.9				
SBIN.NS	Buy	09-11-2015	246.1				

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SBIN.NS	Sell	07-12-2015	238.65
SBIN.NS	Buy	19-02-2016	164.7
SBIN.NS	Sell	03-05-2016	184.05
SBIN.NS	Buy	27-05-2016	195.9
SBIN.NS	Sell	22-07-2016	223.5
SBIN.NS	Buy	12-08-2016	243.3
SBIN.NS	Sell	15-09-2016	256
SBIN.NS	Buy	24-10-2016	262.95
SBIN.NS	Sell	26-10-2016	258.75
SBIN.NS	Buy	09-11-2016	260
SBIN.NS	Buy	10-11-2016	281.3
SBIN.NS	Sell	22-11-2016	257.35
SBIN.NS	Buy	13-12-2016	266.15
SBIN.NS	Sell	19-12-2016	261.35
SBIN.NS	Buy	12-01-2017	251.25
SBIN.NS	Sell	23-02-2017	270.45
SBIN.NS	Buy	15-03-2017	277.35
SBIN.NS	Sell	21-03-2017	272.35
SBIN.NS	Buy	27-03-2017	279.45
SBIN.NS	Sell	20-04-2017	284.8
SBIN.NS	Buy	04-05-2017	299.05
SBIN.NS	Sell	23-05-2017	288.85
SBIN.NS	Buy	21-06-2017	290.9
SBIN.NS	Sell	27-06-2017	279.65
SBIN.NS	Buy	10-07-2017	285.55
SBIN.NS	Sell	11-08-2017	280.15
SBIN.NS	Buy	24-10-2017	254.45
SBIN.NS	Sell	30-11-2017	320.35
SBIN.NS	Buy	23-01-2018	318.1
SBIN.NS	Sell	01-02-2018	306.05
SBIN.NS	Buy	26-03-2018	246.5
SBIN.NS	Buy	27-03-2018	254.35
SBIN.NS	Sell	25-04-2018	237.2
SBIN.NS	Buy	07-05-2018	246.5
SBIN.NS	Sell	27-06-2018	261.7
SBIN.NS	Buy	23-07-2018	266.35
SBIN.NS	Sell	04-09-2018	296.4
SBIN.NS	Buy	10-10-2018	278.65
SBIN.NS	Sell	11-10-2018	262.15
SBIN.NS	Buy	16-10-2018	270.3
SBIN.NS	Sell	17-10-2018	261.15
SBIN.NS	Buy	29-10-2018	267.9
SBIN.NS	Buy	30-10-2018	273.15
SBIN.NS	Sell	06-12-2018	275.65
SBIN.NS	Buy	13-12-2018	289

SBIN.NS	Sell	18-01-2019	294.95
SBIN.NS	Buy	01-03-2019	272.95
SBIN.NS	Buy	05-03-2019	276.45
SBIN.NS	Sell	23-04-2019	305.25
SBIN.NS	Buy	17-05-2019	319.25
SBIN.NS	Sell	13-06-2019	346.5
SBIN.NS	Buy	25-06-2019	356.55
SBIN.NS	Sell	10-07-2019	354.2
SBIN.NS	Buy	17-07-2019	372.4
SBIN.NS	Sell	18-07-2019	363.65
SBIN.NS	Buy	06-09-2019	273.95
SBIN.NS	Buy	09-09-2019	278
SBIN.NS	Sell	09-09-2019	278
SBIN.NS	Buy	11-09-2019	285.25
SBIN.NS	Sell	01-10-2019	255.95
SBIN.NS	Buy	18-10-2019	269.65
SBIN.NS	Sell	09-12-2019	316.7