

# **Application of Bloomberg Terminal and similar software (Project)**

## **Money control, Stock screener and Dow Theory**

submitted to  
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April 18, 2022

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I hereby declare that this project is my own and autonomous work and is created  
for educational purposes only.

# 1. Latest money control newsletter

This newsletter is prepared with the help of money control as of 18<sup>th</sup> April 2022.

Indian markets went down by 1.73% while Sensex by 2.01%.

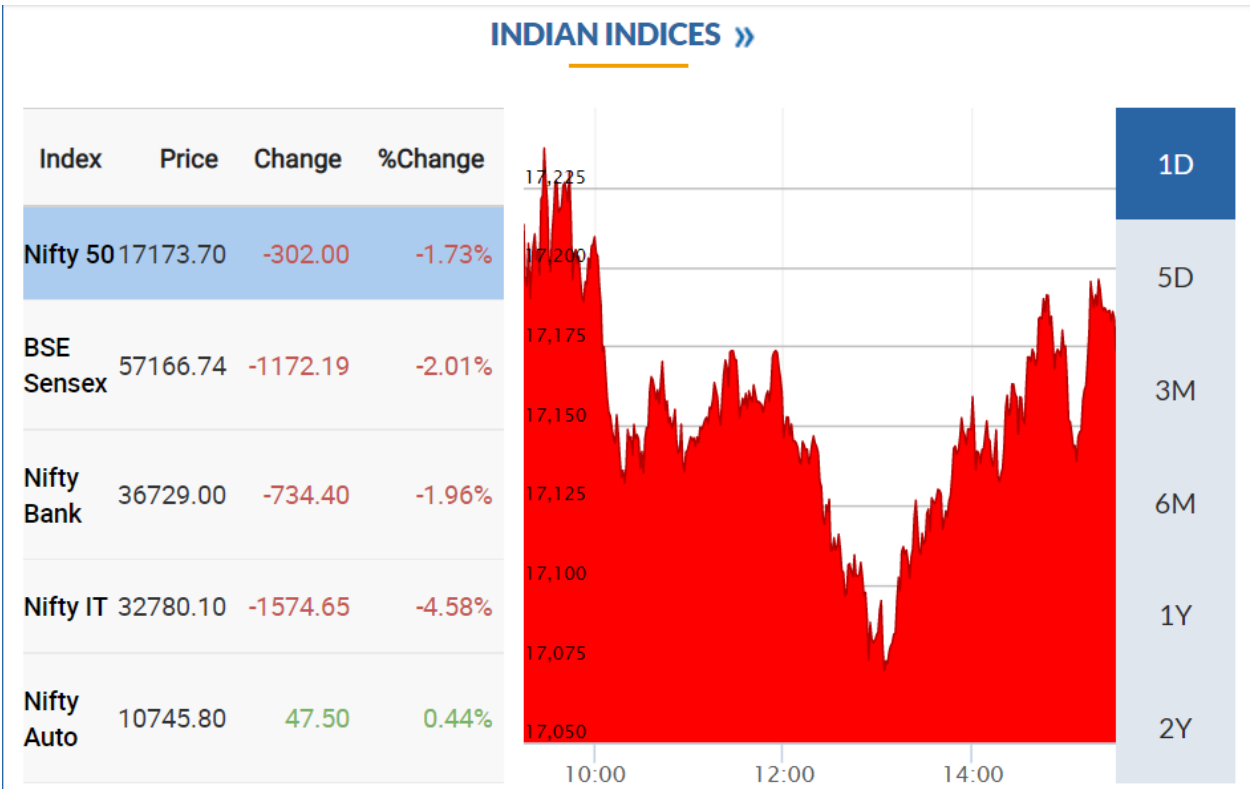
| Indian Indices   |          | Global Indices |       |  |
|------------------|----------|----------------|-------|--|
| Index            | Price    | Change         | %Chg  |  |
| NIFTY 50         | 17173.70 | -302.00        | -1.73 |  |
| SENSEX           | 57166.74 | -1172.19       | -2.01 |  |
| NIFTY BANK       | 36729.00 | -734.40        | -1.96 |  |
| NIFTY IT         | 32780.10 | -1574.65       | -4.58 |  |
| S&P BSE Smallcap | 29223.81 | -297.79        | -1.01 |  |

One reason could be the light net selling influenced by FII activity.

## FII & DII Activity ( Rs Cr.)

| <div>CASH</div> <div>FII SEBI</div> |          |         |
|-------------------------------------|----------|---------|
| Date                                | Net FII  | Net DII |
| 2022-04-13                          | -2061.04 | 1410.85 |
| 2022-04-12                          | -3128.39 | 870.01  |
| 2022-04-11                          | -1145.20 | -486.50 |
| 2022-04-08                          | -575.04  | -16.51  |

The major contribution to the downward movement is by IT sector with 4.58% change and then by bank with 1.96% change.



Top Gainers

Top Losers

Only Buyers

Only Sellers

F&O 

1 Day ▾

All NSE 

| Company    | Current  | % Loss | Company         | Current | % Chg  |
|------------|----------|--------|-----------------|---------|--------|
| Infosys    | 1,621.40 | -7.27  | Venus Remedies  | 319.65  | -10.08 |
| Birlasoft  | 425.00   | -6.06  | Shrenik         | 2.65    | -8.62  |
| Mphasis    | 2,879.90 | -5.6   | Prakash Steelag | 5.85    | -7.87  |
| Tata Power | 257.90   | -5.57  | Celebrity Fash  | 16.65   | -7.76  |
| HDFC       | 2,263.50 | -4.83  | Kaushalya Infra | 4.20    | -7.69  |

## NIFTY 50 Analysis

These are the top 5 NIFTY 50 Gainers

| Name ◇          | LTP ◇    | %Chg ◇ | Volume ◇   | Buy Price ◇ | Sell Price ◇ | Buy Qty ◇ | Sell Qty ◇ | Open ◇   |
|-----------------|----------|--------|------------|-------------|--------------|-----------|------------|----------|
| NTPC            | 163.20   | 6.01   | 82,098,517 | 163.20      | 0.00         | 24,554    | 0          | 154.90   |
| SBI Life Insura | 1,173.40 | 2.31   | 2,382,085  | 0.00        | 1,173.40     | 0         | 646        | 1,145.00 |
| HDFC Life       | 574.30   | 1.67   | 5,765,896  | 0.00        | 574.30       | 0         | 190        | 560.50   |
| Coal India      | 189.45   | 1.53   | 13,052,104 | 189.45      | 0.00         | 3,729     | 0          | 186.60   |
| Tata Steel      | 1,339.10 | 1.49   | 8,070,042  | 1,339.10    | 0.00         | 60        | 0          | 1,331.90 |

These are the top 5 Nifty 50 Losers

| Name ◇          | LTP ◇    | %Chg ◇ | Volume ◇   | Buy Price ◇ | Sell Price ◇ | Buy Qty ◇ | Sell Qty ◇ | Open ◇   |
|-----------------|----------|--------|------------|-------------|--------------|-----------|------------|----------|
| Infosys         | 1,621.40 | -7.27  | 30,523,965 | 1,621.40    | 0.00         | 8,303     | 0          | 1,605.50 |
| HDFC            | 2,263.50 | -4.83  | 9,158,650  | 2,263.50    | 0.00         | 1,976     | 0          | 2,318.60 |
| HDFC Bank       | 1,395.45 | -4.74  | 22,810,188 | 1,395.45    | 0.00         | 7,250     | 0          | 1,418.85 |
| Tech Mahindra   | 1,344.55 | -4.67  | 3,968,044  | 1,344.55    | 0.00         | 53        | 0          | 1,390.00 |
| Apollo Hospital | 4,554.50 | -4.00  | 579,482    | 4,554.50    | 0.00         | 8         | 0          | 4,724.50 |

The net negative movement is more prominent hence the market decline.

With this being the advance to decline ratio of NIFTY 50

|          |          |           |
|----------|----------|-----------|
| Advances | Declines | Unchanged |
| 24       | 26       | 0         |

India VIX is 19.33, up by 8.66%.

India VIX **19.33**▲ 1.54 (8.66%)

2. Answering the questions:

- a. According to the Institutional fund flow data, the market is driven by Foreign Institutional Investors (FII)
- b. The fear index, also called as volatility index indicates a degree of volatility or fluctuation the traders expect over the next 30 days in NIFTY 50. The change in fear index is of 8.66% and it has went up to 19.33  
The number is well over the benchmark of 18, indicating some anxiety in the market sentiments.
- c. Since Nifty 50 index went down, the stocks contributing to the fall are the top losers namely, Infosys, HDFC, HDFC bank, Tech Mahindra and Apollo Hospital.
- d. Best performing sector was Metal, influenced by Coal India, MOIL, Ratnamani Metal, NMDC and Vedanta.
- e. Worst performing sector was IT, influenced by L&T infotech, Mindtree, Tech Mahindra, Infosys and L&T Technology.

### 3. Stock screener

The five stocks that match all qualification criteria are:

Adani Green Energy

Polyplex

KPR Mill

Narayana Hrudalaya

Hindal Co

The qualification criteria used for screening the stocks is:

1. We select the stock whose chart is beginning from the bottom left of the screen and ending at the top of the screen preferably at the top right.
2. The size of the candles should be small in the graph, we don't want volatile movements.
3. There should be no circuits i.e. blank candles on the chart as they mean unstable stock and we would avoid investing in those stocks.
4. There should be no big dips in the middle of the chart as we want stable and consistent stocks to invest in.
5. There should be a smooth shape showcasing an upward trend on the chart.

#### 4. Dow theory PnL

| Bata India       |           |            |                 |              |            |  |
|------------------|-----------|------------|-----------------|--------------|------------|--|
| High candle date | Buy price | Sell price | Low candle date | PnL (points) |            |  |
| 28-Dec-98        | 89.3      | 77.6       | 09-Aug-99       | -11.7        |            |  |
| 22-Dec-03        | 30.95     | 43.2       | 06-10-08        | 12.25        |            |  |
| 15-06-09         | 83.95     | 427.8      | 12-Nov-12       | 343.85       |            |  |
| 02-Dec-13        | 534.55    | 462.8      | 16-Nov-15       | -71.75       |            |  |
| 23-Apr-18        | 800.5     |            |                 | -800.5       | trade open |  |
|                  |           |            |                 |              |            |  |
|                  |           |            |                 |              |            |  |
|                  |           |            |                 |              |            |  |