

Stock Market Tracking Report :Pdf

Explanation

1.Data Manipulation

Stock	Market Cap (in Rs Cr.)	Current price	PE Ratio	52 Week High	% Below 52 week high	52 Week Low	% Above 52 Week low	Yesterday Closing Price	% Change
TCS	1234544.52	3374.2	30.43	4045.5	16.59%	2926	15.32%	3334.6	1.19%
HUL	616301.33	2620.6	63.81	2741.6	4.41%	1901.55	37.81%	2590.05	1.18%
Airtel	441027.40	784.6	65.86	860.55	11.15%	628.75	21.61%	756.9	1.02%
Bajaj Finance	361172.64	5977	36.52	8045	25.71%	5220	14.50%	5898.4	1.33%
Asian Paints	278960.10	2912	76.19	3582.9	18.73%	2560	13.75%	2915.95	-0.14%
HCL Tech	291770.11	1077		1359.4	20.77%	877.35	22.76%	1071.65	0.50%
Maruti Suzuki	255438.42	8454.2	42.1	9769	13.46%	6536.55	29.34%	8369.2	1.02%
Avenue Supermart	250157.94	3855	109.05	4609	16.36%	3186	21.00%	3911.8	-1.45%
L&T	302617.17	2153.75	31.53	2210.5	2.57%	1456.8	47.84%	2160.2	-0.30%
Bajaj Finserv	221292.51	1391	40.48	3724.2	62.65%	1374.35	1.21%	1387.8	0.23%
Nestle	190752.20	19782.3	88.1	21050	6.02%	16000	23.64%	19873.25	-0.46%
Ultratech Cement	208975.80	7244.95	31.35	7946	8.82%	5157.05	40.49%	7153.35	1.28%
M&M	158785.37	1327.55	16.12	1366.55	2.85%	671.15	97.80%	1319.9	0.58%
Bajaj Auto	101964.86	3602.45	17.79	4131.75	12.81%	3125	15.28%	3570.3	0.90%
Pidilite Industries	127340.00	2513	98.38	2918.95	13.91%	1988.55	26.37%	2495.5	0.70%
SBI life Insurance	130568.99	1307	78.07	1340.35	2.49%	1003.5	30.24%	1315.7	-0.66%
Tata Steel	147293.60	120.45	5.13	138.63	13.11%	82.71	45.63%	118.05	2.03%
Divi's Lab	88977.11	3352.15	29.74	4668	28.19%	3195.15	4.91%	3305.3	1.42%
Tech Mahindra	97631.02	1002.8	16.8	1751	42.73%	943.7	6.26%	1001.55	0.12%
Dabur	96383.94	544	55.79	610.75	10.93%	482.25	12.80%	544.95	-0.17%
Britannia	104442.90	4328	65.9	4537	4.61%	3050	41.90%	4299.25	0.67%
Eicher Motor	86543.23	3164.9	37.12	3889.65	18.63%	2159.55	46.55%	3103.25	1.99%

This was the original data provided (Data Set & NSE/BSE Code) to me and had to make a new sub sheet. Below are the step by step process I did to get the Final organized sheet.

Step 1 : I Created a New Sub Sheet & Fetched the Data from the Sheet called "Data Set" where Data from the PE Ratio is not Blank & PE Ratio < 100 using Query Function and sort the data by Descending of Market Cap Amount, The Formula Used was. =QUERY('Data Set'!A1:J,"SELECT* WHERE D IS NOT NULL AND D < 100 ORDER BY B DESC")

Stock	Market Cap (In Rs Cr.)	Current price	PE Ratio	52 Week High	% Below 52 week high	52 Week Low	% Above 52 Week low	Yesterday Closing Price	% Change
Reliance	1620922.44	2467.9	25.09	2856.15	13.59%	2180	13.21%	2471.6	-0.
TCS	1234544.52	3374.2	30.43	4045.5	16.59%	2926	15.32%	3334.6	1.
HUL	616301.33	2620.6	63.81	2741.6	4.41%	1901.55	37.81%	2590.05	1.
SBI Bank	535431.32	600.05	13	629.65	4.70%	425	41.19%	595	0.
HDFC	478914.70	2619.25	19.81	2933.8	10.72%	2026	29.28%	2612.8	0.
LIC	450686.76	712.7	23.63	920	22.53%	588	21.21%	705.55	1.
Airtel	441027.40	764.6	65.86	860.55	11.15%	628.75	21.61%	756.9	1.
Bajaj Finance	361172.64	5977	36.52	8045	25.71%	5220	14.50%	5898.4	1.
Kotak Bank	354002.54	1780.5	25.87	1997.55	10.87%	1631	9.17%	1779.5	0.
L&T	302617.17	2153.75	31.53	2210.5	2.57%	1456.8	47.84%	2160.2	-0.
Axis Bank	287213.29	933.9	15.67	970	3.72%	618.25	51.06%	935.55	-0.
Asian Paints	278960.10	2912	76.19	3582.9	18.73%	2560	13.75%	2915.95	-0.
Maruti Suzuki	255438.42	8454.2	42.1	9769	13.46%	6536.55	29.34%	8369.2	1.
Sun pharma	247191.65	1031.05	60.4	1070.95	3.73%	784.8	31.38%	1032.85	-0.
Bajaj Finserv	221292.51	1391	40.48	3724.2	62.65%	1374.35	1.21%	1387.8	0.
Titan	214719.01	2417.65	68.59	2790	13.35%	1827.15	32.32%	2445.65	-1.
Ultratech Cement	208975.80	7244.95	31.35	7946	8.82%	5157.05	40.49%	7153.35	1.
Nestle	190752.20	19782.3	88.1	21050	6.02%	16000	23.64%	19873.25	-0.
M&M	158785.37	1327.55	16.12	1366.55	2.85%	671.15	97.80%	1319.9	0.
Tata Steel	147293.60	120.45	5.13	138.63	13.11%	82.71	45.63%	118.05	2.
SBI life Insurance	130568.99	1307	78.07	1340.35	2.49%	1003.5	30.24%	1315.7	-0.
HDFC life Insurance	129917.60	604	85.12	678.8	11.02%	497.05	21.52%	598.4	0.
Pidilite Industries	127340.00	2513	98.38	2918.95	13.91%	1988.55	26.37%	2495.5	0.
L&T Infotech	126813.40	4289.8	34.73	4293.25	0.08%	4147.45	3.43%	4279.2	0.
Britannia	104442.90	4328	65.9	4537	4.61%	3050	41.90%	4299.25	0.
Ambuja Cement	102995.36	518.7	57.36	598.15	13.28%	274	89.31%	510.4	1.

Step 2: Now I Created 2 Columns of Industry & NSE/BSE Code & Fetch Data from the Second Sheet with Vlookup, Made sure the Vlookup Formula is used with "ARRAYFORMULA". The Formula Used for Industry was:
=ARRAYFORMULA(IF(LEN(\$A\$2:\$A)=0,,VLOOKUP(A2:A,'NSE/BSE Code'!\$A\$4:\$C\$219,2,0)))

AND THE FORMULA FOR NSE/BSE CODE was:

=ARRAYFORMULA(IF(LEN(A2:A)=0,,VLOOKUP(A2:A,'NSE/BSE Code'!A4:C219,3,0)))

% Above 52 Week low	Yesterday Closing Price	% Change	Industry	NSE/BSE Code	Bear Mode 1	Bear Mode 2	Stock Status	Cap Size
13.21%	2471.6	-0.15%	Telecom and oil	RELANCE	NO	YES		LARGE CAP
15.32%	3334.6	1.19%	IT	BOM:532540	NO	YES		LARGE CAP
37.81%	2590.05	1.18%	FMCG	HINDUNILVR	NO	NO	GOOD STOCK	LOW CAP
41.19%	595	0.85%	Bank	BOM:500112	NO	NO	GOOD STOCK	LOW CAP

% Above 52 Week low	Yesterday Closing Price	% Change	Industry	NSE/BSE Code	Bear Mode 1	Bear Mode 2	Stock Status	Cap Size
13.21%	2471.6	-0.15%	Telecom and oil	RELANCE	NO	YES		LARGE CAP
15.32%	3334.6	1.19%	IT	BOM:532540	NO	YES		LARGE CAP
37.81%	2590.05	1.18%	FMCG	HINDUNILVR	NO	NO	GOOD STOCK	LOW CAP
41.19%	595	0.85%	Bank	BOM:500112	NO	NO	GOOD STOCK	LOW CAP
29.28%	2612.8	0.25%	Financial Services	HDFC	NO	YES		LOW CAP
21.21%	705.55	1.01%	Insurance	BOM:543526	NO	YES		LOW CAP
21.61%	756.9	1.02%	Telecom	BHARTIARTL	NO	YES		LOW CAP


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=ARRAYFORMULA(IF(LEN(B2:B)=0,,IF(B2:B=MAX($B$2:$B),"LARGE CAP",IF(B2:B>=0.6*MAX($B$2:$B),"LARGE CAP",IF(B2:B>=0.4*MAX($B$2:$B),"MEDIUM CAP","LOW CAP")))))
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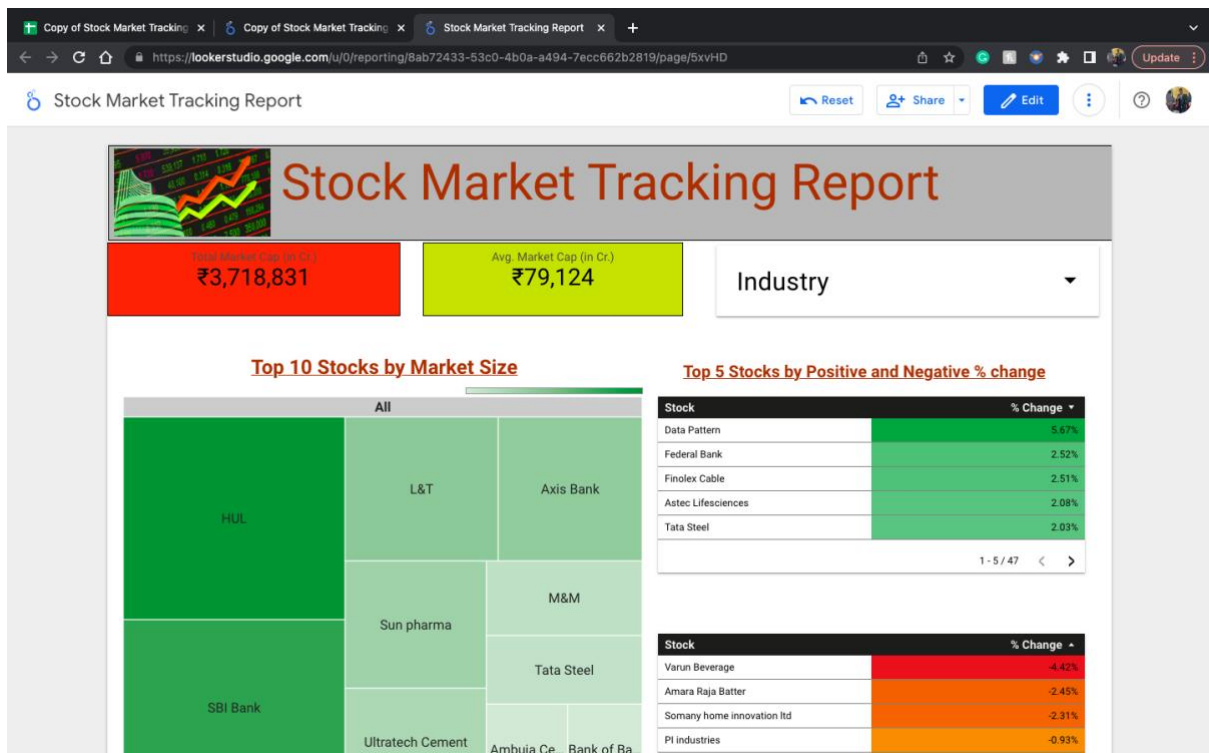
Step 6: Now I created a new sheet & fetch all Data where Stock Status = 'Good Stock' which will be your Final Organized Data Source and Created Proper Formatting to this Sheet & also added Appropriate Conditional Formatting Colour Scales.

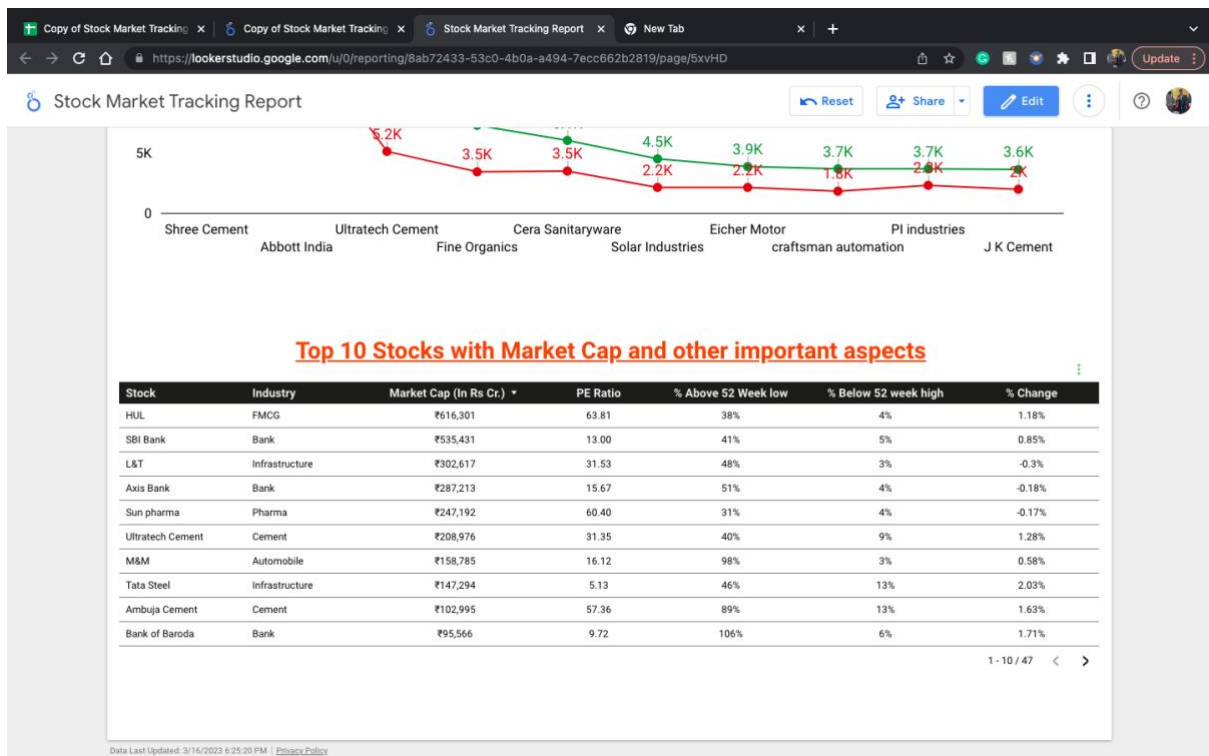
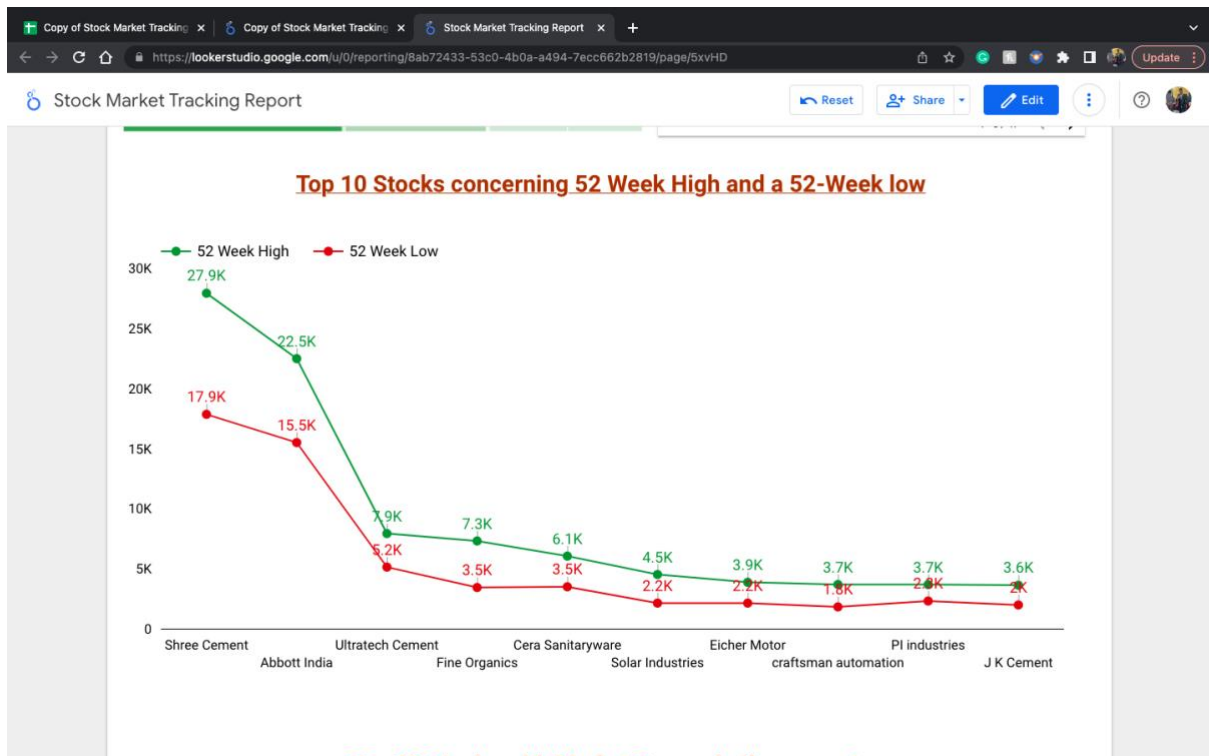
=QUERY('New Sub Sheet'!A1:P, "Select A,B,C,D,E,F,G,H,I,J,K,L WHERE O = 'GOOD STOCK',1)											
A	B	C	D	E	F	G	H	I	J	K	L
Stock	Market Cap (In Rs	Current price	PE Ratio	52 Week High	% Below 52 week	52 Week Low	% Above 52 W	Yesterday Closing Price	% Change	In	
HUL	1616301.33		2620.6	63.81	2741.6	4.41%	1901.55	37.81%	2590.05	1.18%	F
SBI Bank	535431.32		600.05	13	629.65	4.70%	425	41.19%	595	0.85%	B
L&T	302617.17		2153.75	31.53	2210.5	2.57%	1456.8	47.84%	2160.2	-0.30%	Ir
Axis Bank	287213.29		933.9	15.67	970	3.72%	618.25	51.06%	935.55	-0.18%	B
Sun pharma	247191.65		1031.05	60.4	1070.95	3.73%	784.8	31.38%	1032.85	-0.17%	P
Ultratech Cement	208975.80		7244.95	31.35	7946	8.82%	5157.05	40.49%	7153.35	1.28%	C
M&M	158785.37		1327.55	16.12	1366.55	2.85%	671.15	97.80%	1319.9	0.58%	A
Tata Steel	147293.60		120.45	5.13	138.63	13.11%	82.71	45.63%	118.05	2.03%	Ir
Ambuja Cement	102995.36		518.7	57.36	598.15	13.28%	274	89.31%	510.4	1.63%	C
Bank of Baroda	95565.88		184.9	9.72	197.2	6.24%	89.9	105.67%	181.8	1.71%	B
Godrej Consumer	93678.86		916.75	58.81	955.65	4.07%	660.2	38.86%	914.9	0.20%	F
Shree Cement	87098.03		24025	54.11	27936.75	14.00%	17865.2	34.48%	23854.85	0.71%	C
Eicher Motor	86543.23		3164.9	37.12	3889.65	18.63%	2159.55	46.55%	3103.25	1.99%	A
Varun Beverage	73698.48		1134.8	51.22	1432.05	20.76%	557.23	103.65%	1187.3	-4.42%	F
Yesbank	57937.94		20.15	45.52	24.75	18.59%	12.11	66.39%	19.9	1.26%	B
PI industries	49475.63		3262	48.33	3698.45	11.80%	2333.55	39.79%	3292.65	-0.93%	A
TVS	47610.86		999.5	39.03	1177	15.08%	513	94.83%	1005.2	-0.57%	A
Abbott India	47348.12		22241	53.6	22499	1.15%	15514	43.36%	22162.55	0.35%	P
Baikrishna Industries	43195.87		2229	30.72	2537.45	12.16%	1690.55	31.85%	2214.25	0.67%	T
Polycab	39945.40		2662	35.5	3025	12.00%	2043.85	30.24%	2677.05	-0.56%	C
Solar Industries	38859.14		4338	63.66	4535.95	4.36%	2160.05	100.83%	4340.15	-0.05%	D
APL Apollo	31477.05		1136	54.9	1193.85	4.85%	771	47.34%	1127.95	0.71%	S
Supreme Industries	31369.92		2461	36.12	2607.65	5.62%	1666.25	47.70%	2452.7	0.34%	P
Federal Bank	29278.49		138.45	11.78	142.25	2.67%	82.5	67.82%	135.05	2.52%	B
Sumitomo Chemical	24637.83		493.2	48.9	540.8	8.80%	351.5	40.31%	487.95	1.08%	A
J K Cement	22430.59		2900.45	36.07	3646.25	20.45%	2005	44.66%	2905.9	-0.19%	C
UIC Housing Finance	22150.27		407.9	6.85	443.5	9.15%	201.75	38.10%	400.2	0.57%	T

2.Report Dashboarding

Step 7: Connected the Final Organized Sheet which was created in Spreadsheet to Google Data Studio and a dynamic dashboard was created.

Step 8: Created a Looker Dashboard with Meaningful and Attractive View. The dashboard is self-explanatory. Made a Score card for Total market cap and Avg. Market Cap. A filter of Industry which can set according to the needs of specific Industry. Created various charts like treemap chart for top 10 stocks as per Market Size. Top 5 positive and negative stocks as per % change and other graphs and charts respectively.





Analysis Report:

1. HUL is the largest company in terms of market capitalization with a value of Rs 616,301.33 crores. Its PE ratio is 63.81, which is higher than the industry average of 40. This suggests that the stock may be overvalued.
2. L&T, an infrastructure company, has a high market capitalization of Rs 302,617.17 crores, and a PE ratio of 31.53, which is lower than the industry average of 40. This suggests that the stock may be undervalued.
3. Among the automobile companies, M&M has the highest market capitalization of Rs 158,785.37 crores. Its PE ratio is 16.12, which is lower than the industry average of 20. This suggests that the stock may be undervalued.
4. Among the pharma companies, Abbott India has the highest market capitalization of Rs 47,348.12 crores. Its PE ratio is 53.6, which is higher than the industry average of 30. This suggests that the stock may be overvalued.
5. Varun Beverages is trading 20.76% below its 52-week high , this stock may be worth considering for investors who are looking for stocks that are trading at a discount.
6. Solar Industries has the highest PE ratio of 63.66, indicating that the stock may be overvalued. However, it is trading only 4.36% below its 52-week high.