

# ERP LAUNCHPAD INTERNSHIP TASKS

## Solution Links:

### 1. Spreadsheet:

[https://docs.google.com/spreadsheets/d/1MSPculeQb0bVeFnc4mYgL3FCeSZodmctzcnD3WV7\\_M/edit#gid=68892552](https://docs.google.com/spreadsheets/d/1MSPculeQb0bVeFnc4mYgL3FCeSZodmctzcnD3WV7_M/edit#gid=68892552)

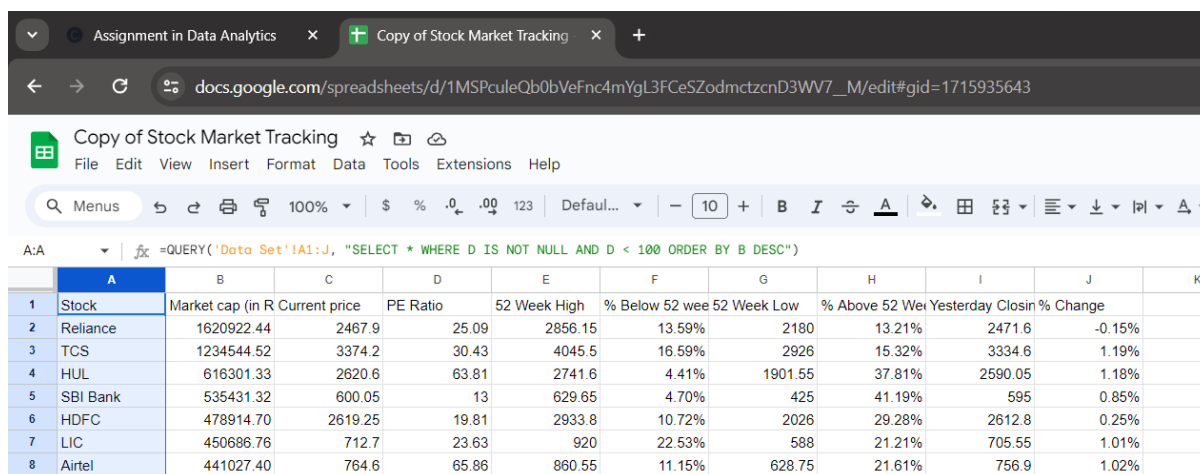
### 2. Looker Studio:

<https://lookerstudio.google.com/reporting/4f858a61-aea8-4885-8acc-bd21321515dc>

## 1.) Data Manipulation Tasks

Task 1 : First Create a New Sub Sheet & Fetch all 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.

Soln: =QUERY('Data Set'!A1:J, "SELECT \* WHERE D IS NOT NULL AND D < 100 ORDER BY B DESC")



The screenshot shows a Google Sheets interface with a spreadsheet titled "Copy of Stock Market Tracking". The formula bar displays the QUERY function: =QUERY('Data Set'!A1:J, "SELECT \* WHERE D IS NOT NULL AND D < 100 ORDER BY B DESC"). The resulting table lists stock data for various companies, sorted by Market Cap in descending order.

	A	B	C	D	E	F	G	H	I	J	K
1	Stock	Market cap (in R	Current price	PE Ratio	52 Week High	% Below 52 wee	52 Week Low	% Above 52 Wei	Yesterday Closin	% Change	
2	Reliance	1620922.44	2467.9	25.09	2856.15	13.59%	2180	13.21%	2471.6	-0.15%	
3	TCS	1234544.52	3374.2	30.43	4045.5	16.59%	2926	15.32%	3334.6	1.19%	
4	HUL	616301.33	2620.6	63.81	2741.6	4.41%	1901.55	37.81%	2590.05	1.18%	
5	SBI Bank	535431.32	600.05	13	629.65	4.70%	425	41.19%	595	0.85%	
6	HDFC	478914.70	2619.25	19.81	2933.8	10.72%	2026	29.28%	2612.8	0.25%	
7	LIC	450686.76	712.7	23.63	920	22.53%	588	21.21%	705.55	1.01%	
8	Airtel	441027.40	764.6	65.86	860.55	11.15%	628.75	21.61%	756.9	1.02%	

Task 2 : Now Create 2 Columns of Industry & NSE/BSE Code & Fetch Data from the Second Sheet with Vlookup, Make sure the Vlookup Formula is used with "ARRAYFORMULA" meaning formula will be written only once but will be applicable throughout the column.

Soln 1: = ArrayFormula(IF(A2:A<>"", (VLOOKUP(A2:A,'NSE/BSE Code'!A4:C, 2, 0)), ""))

Assignment in Data Analytics x Copy of Stock Market Tracking x +

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A:A =QUERY('Data Set'!A1:J, "SELECT \* WHERE D IS NOT NULL AND D < 100 ORDER BY B DESC")

	A	B	C	D	E	F	G	H	I	J	K
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8	Airtel	441027.40	764.6	65.86	860.55	11.15%	628.75	21.61%	756.9	1.02%	

Soln 2: =ArrayFormula(IF(A2:A<>"" , (VLOOKUP(A2:A,'NSE/BSE Code'!A4:C, 3, 0)), ""))

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	A	B	C	D	E	F	G	H	I	J	K
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7	LIC	450686.76	712.7	23.63	920	22.53%	588	21.21%	705.55	1.01%	
8	Airtel	441027.40	764.6	65.86	860.55	11.15%	628.75	21.61%	756.9	1.02%	

Task 3 : Now Create 2 More Columns at the End with the Heading "Bear Mode 1" & "Bear Mode 2"

Bear Mode 1 Condition : Use IF Condition to print "Yes" if % Change from 52 Week High > 30 else "No"

Soln: =ArrayFormula(IF(F2:F<>"" , IF(F2:F > 30%, "Yes", "No"), ""))

Assignment in Data Analytics x Copy of Stock Market Tracking x

docs.google.com/spreadsheets/d/1MSPcUeQb0bVefnc4mYgLF3CeSZodmctznD3WV7\_M/edit#gid=1715935643

Copy of Stock Market Tracking

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Menu 100% 10 B I

K2 = ArrayFormula(IF(A2:A<>"", (VLOOKUP(A2:A, 'NSE/BSE Code'!A4:C, 2, 0)), ""))

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Stock	Market cap (in R Current price	PE Ratio	52 Week High	% Below 52 we	52 Week Low	% Above 52 We	Yesterday Closin	% Change	Industry	NSE/BSE Code				
1	Reliance	1620922.44	2467.9	25.09	2856.15	13.59%	2180	13.21%	2471.6	-0.15%	Telecom and oil				
2	TCS	1234544.52	3374.2	30.43	4045.5	16.59%	2926	15.32%	3334.6	1.19%	IT				
3	HUL	616301.33	2620.6	63.81	2741.6	4.41%	1901.55	37.81%	2590.05	1.18%	FMCG				
4	SBI Bank	535431.32	600.05	13	629.65	4.70%	425	41.19%	595	0.85%	Bank				
5	HDFC	478914.70	2619.25	19.81	2933.8	10.72%	2026	29.28%	2612.8	0.25%	Financial Services				
6	LIC	450686.76	712.7	23.63	920	22.53%	588	21.21%	705.55	1.01%	Insurance				
7	Airtel	441027.40	764.6	65.86	860.55	11.15%	628.75	21.61%	756.9	1.02%	Telecom				
8	Bajaj Finance	361172.64	5977	36.52	8045	25.71%	5220	14.50%	5898.4	1.33%	NBFC				
9	Kotak Bank	354002.54	1780.5	25.87	1997.55	10.87%	1631	9.17%	1779.5	0.06%	Bank				
10	L&T	302617.17	2153.75	31.53	2210.5	2.57%	1456.8	47.84%	2160.2	-0.30%	Infrastructure				
11	Axis Bank	287213.29	933.9	15.67	970	3.72%	618.25	51.06%	935.55	-0.18%	Bank				
12	Asian Paints	278960.10	2912	76.19	3582.9	18.73%	2560	13.75%	2915.95	-0.14%	Paint				
13	Maruti Suzuki	255438.42	8454.2	42.1	9799	13.46%	6536.55	29.34%	8369.2	1.02%	Automobile				
14	Sun pharma	247191.65	1031.05	60.4	1070.95	3.73%	784.8	31.38%	1032.85	-0.17%	Pharma				
15	Bajaj Finserv	221292.51	1391	40.48	3724.2	62.65%	1374.35	1.21%	1387.8	0.23%	Financial Services				
16	Tata	744790.01	7417.65	69.59	7990	13.56%	4977.45	23.93%	7446.65	0.44%	Chemical				

Bear Mode Condition 2 : Use IF Condition to print "Yes" if % Change from 52 Week Low < 30 else "No"

Sol: =ArrayFormula(IF(H2:H<>"", IF(H2:H < 30%, "Yes", "No"), ""))

Assignment in Data Analytics x Copy of Stock Market Tracking x

docs.google.com/spreadsheets/d/1MSPcUeQb0bVefnc4mYgLF3CeSZodmctznD3WV7\_M/edit#gid=1715935643

Copy of Stock Market Tracking

File Edit View Insert Format Data Tools Extensions Help

Menu 100% 123 Default... 10 B I

A:A = QUERY('Data Set'!A1:J, "SELECT \* WHERE D IS NOT NULL AND D < 100 ORDER BY B DESC")

	A	B	C	D	E	F	G	H	I	J	K
	Stock	Market cap (in R Current price	PE Ratio	52 Week High	% Below 52 we	52 Week Low	% Above 52 We	Yesterday Closin	% Change		
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7	Airtel	441027.40	764.6	65.86	860.55	11.15%	628.75	21.61%	756.9	1.02%	

Stock Status : Now Create a Column named "Stock Status" & then apply multiple IF Conditions to check if PE Ratio < 65, Bear Mode 1 & 2 = "No" then Print "Good Stock" in the column else "".

Sol: = ArrayFormula(IF((D2:D<65) \* (M2:M="No") \* (N2:N="No"), "Good Stock", ""))

Assignment in Data Analytics

Copy of Stock Market Tracking

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Copy of Stock Market Tracking

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10111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111101211013110141101511016110171101811019110201102111022110231102411025110261102711028110291103011031110321103311034110351103611037110381103911040110411104211043110441104511046110471104811049110501105111052110531105411055110561105711058110591106011061110621106311064110651106611067110681106911070110711107211073110741107511076110771107811079110801108111082110831108411085110861108711088110891109011091110921109311094110951109611097110981109911100111011110211103111041110511106111071110811109111101111012111013111014111015111016111017111018111019111020111021111022111023111024111025111026111027111028111029111030111031111032111033111034111035111036111037111038111039111040111041111042111043111044111045111046111047111048111049111050111051111052111053111054111055111056111057111058111059111060111061111062111063111064111065111066111067111068111069111070111071111072111073111074111075111076111077111078111079111080111081111082111083111084111085111086111087111088111089111090111091111092111093111094111095111096111097111098111099111100111101111102111103111104111105111106111107111108111109111110111110121111013111101411110151111016111101711110181111019111102011110211111022111102311110241111025111102611110271111028111102911110301111031111103211110331111034111103511110361111037111103811110391111040111104111110421111043111104411110451111046111104711110481111049111105011110511111052111105311110541111055111105611110571111058111105911110601111061111106211110631111064111106511110661111067111106811110691111070111107111110721111073111107411110751111076111107711110781111079111108011110811111082111108311110841111085111108611110871111088111108911110901111091111109211110931111094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11105111111111106111111111107111111111108111111111109111111111110111111111110121111111111013111111111101411111111110151111111111016111111111101711111111110181111111111019111111111102011111111110211111111111022111111111102311111111110241111111111025111111111102611111111110271111111111028111111111102911111111110301111111111031111111111103211111111110331111111111034111111111103511111111110361111111111037111111111103811111111110391111111111040111111111104111111111110421111111111043111111111104411111111110451111111111046111111111104711111111110481111111111049111111111105011111111110511111111111052111111111105311111111110541111111111055111111111105611111111110571111111111058111111111105911111111110601111111111061111111111106211111111110631111111111064111111111106511111111110661111111111067111111111106811111111110691111111111070111111111107111111111110721111111111073111111111107411111111110751111111111076111111111107711111111110781111111111079111111111108011111111110811111111111082111111111108311111111110841111111111085111111111108611111111110871111111111088111111111108911111111110901111111111091111111111109211111111110931111111111094111111111109511111111110961111111111097111111111109811111111110991111111111100111111111110111111111110211111111111031111111111104111111111110511111111111061111111111107111111111110811111111111091111111111110111111111111012111111111110131111111111101411111111111015111111111110161111111111101711111111111018111111111110191111111111102011111111111021111111111110221111111111102311111111111024111111111110251111111111102611111111111027111111111110281111111111102911111111111030111111111110311111111111103211111111111033111111111110341111111111103511111111111036111111111110371111111111103811111111111039111111111110401111111111104111111111111042111111111110431111111111104411111111111045111111111110461111111111104711111111111048111111111110491111111111105011111111111051111111111110521111111111105311111111111054111111111110551111111111105611111111111057111111111110581111111111105911111111111060111111111110611111111111106211111111111063111111111110641111111111106511111111111066111111111110671111111111106811111111111069111111111110701111111111107111111111111072111111111110731111111111107411111111

Task 4 : Now find out the Highest value of the Market Cap & then categorize 60% and Above of the Highest Value as Large Cap Stocks, 40-60% as Medium Cap Stocks & 0-40% as Low Cap Stocks in a new Column at last naming it as Cap Size.

Sol: =ArrayFormula(IF((D2:D<65) \* (M2:M="No") \* (N2:N="No"), "Good Stock", ""))

	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	52 Week High	% Below 52 week high	52 Week Low	% Above 52 Week low	Yesterday Closin	% Change	Industry	NSE/BSE Code	Bear Mode 1	Bear Mode 2	Stock Status	Cap Size			
2	2856.15	13.59%	2190	13.21%	2471.6	-0.15%	Telecom and oil	RELIANCE	No	Yes		large cap			Highest Value Market Cap
3	4045.5	16.59%	2926	15.32%	3334.6	1.19%	IT	BOM:532540	No	Yes		large cap			1620922.44
4	2741.6	4.41%	1901.55	37.81%	2590.05	1.18%	FMCG	HINDUNILVR	No	No	Good Stock	small cap			
5	629.65	4.70%	425	41.19%	595	0.85%	Bank	BOM:500112	No	No	Good Stock	small cap			
6	2933.8	10.72%	2026	29.28%	2612.8	0.25%	Financial Services	HDFC	No	Yes		small cap			
7	920	22.53%	588	21.21%	705.55	1.01%	Insurance	BOM:543526	No	Yes		small cap			
8	860.55	11.15%	628.75	21.61%	756.9	1.02%	Telecom	BHARTIARTL	No	Yes		small cap			
9	8045	25.71%	5220	14.50%	5898.4	1.33%	NBFC	BAJFINANCE	No	Yes		small cap			
10	1997.55	10.87%	1631	9.17%	1779.5	0.06%	Bank	KOTAKBANK	No	Yes		small cap			

	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Market cap (in R	Current price	PE Ratio	52 Week High	% Below 52 week high	52 Week Low	% Above 52 Week low	Yesterday Closin	% Change	Industry	NSE/BSE Code	Bear Mode 1	Bear Mode 2	Stock Status	Cap Size
2	1620922.44	2467.9	25.09	2856.15	13.59%	2190	13.21%	2471.6	-0.15%	Telecom and oil	RELIANCE	No	Yes		large cap
3	1234544.52	3374.2	30.43	4045.5	16.59%	2926	15.32%	3334.6	1.19%	IT	BOM:532540	No	Yes		large cap
4	616301.33	2620.6	63.81	2741.6	4.41%	1901.55	37.81%	2590.05	1.18%	FMCG	HINDUNILVR	No	No	Good Stock	small cap
5	535431.32	600.05	13	629.65	4.70%	425	41.19%	595	0.85%	Bank	BOM:500112	No	No	Good Stock	small cap
6	478914.70	2619.25	19.81	2933.8	10.72%	2026	29.28%	2612.8	0.25%	Financial Services	HDFC	No	Yes		small cap
7	450686.76	712.7	23.63	920	22.53%	588	21.21%	705.55	1.01%	Insurance	BOM:543526	No	Yes		small cap
8	441027.40	764.6	65.86	860.55	11.15%	628.75	21.61%	756.9	1.02%	Telecom	BHARTIARTL	No	Yes		small cap
9	361172.64	5977	36.52	8045	25.71%	5220	14.50%	5898.4	1.33%	NBFC	BAJFINANCE	No	Yes		small cap
10	354002.54	1780.5	25.87	1997.55	10.87%	1631	9.17%	1779.5	0.06%	Bank	KOTAKBANK	No	Yes		small cap
11	302617.17	2153.75	31.53	2210.5	2.57%	1456.8	47.84%	2160.2	-0.30%	Infrastructure	BOM:500510	No	No	Good Stock	small cap
12	287213.29	933.9	15.67	970	3.72%	618.25	51.06%	935.55	-0.18%	Bank	AXISBANK	No	No	Good Stock	small cap
13	278960.10	2912	76.19	3582.9	18.73%	2560	13.75%	2915.95	-0.14%	Paint	ASIANPAINT	No	Yes		small cap
14	255438.42	8454.2	42.1	9769	13.46%	6536.55	29.34%	8369.2	1.02%	Automobile	MARUTI	No	Yes		small cap
15	247191.65	1031.05	60.4	1070.95	3.73%	784.8	31.38%	1032.85	-0.17%	Pharma	SUNPHARMA	No	No	Good Stock	small cap
16	221292.51	1391	40.48	3724.2	62.65%	1374.35	1.21%	1387.8	0.23%	Financial Services	BAJAJFINSV	Yes	Yes		small cap

Task 5 : Now create a new sheet & fetch all Data where Stock Status = 'Good Stock' which will be your Final Organized Data Source so Create Proper Formatting to this Sheet like the Data Source Sheet & also add Appropriate Conditional Formatting Colour Scales.

Sol: =QUERY(Analysis!A1:P,"SELECT \* WHERE O = 'Good Stock'", 1)

Assignment in Data Analytics x Stock Market Tracking - Google x

docs.google.com/spreadsheets/d/1MSPcUeQB0bVefnc4mYgLF3C6S2odmctcznD3WV7\_M/edit#gid=1802364486

Stock Market Tracking

File Edit View Insert Format Data Tools Extensions Help

4.70102437862305%

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	Industry	NSE/BSE Code	Bear Mode 1	Bear Mode 2	Stock Status	Cap Size
HIL	618301.33	2639.8	63.81	2741.6	4.41%	1901.55	37.81%	2590.05	1.98%	FMCG	HINDUNILVR	No	No	Good Stock	small cap
SBI Bank	535431.32	600.05	13	629.65	4.70%	425	41.19%	595	0.85%	Bank	BOM50012	No	No	Good Stock	small cap
I&T	302817.17	2153.75	31.53	2210.5	2.57%	1456.8	47.84%	2160.2	-0.30%	Infrastructure	BOM500510	No	No	Good Stock	small cap
Axis Bank	287213.29	933.9	15.67	970	3.72%	618.25	51.06%	935.55	-0.18%	Bank	AXISBANK	No	No	Good Stock	small cap
Sun pharma	24791.65	1031.05	60.4	1070.95	3.73%	784.8	31.38%	1032.85	-0.17%	Pharma	SUNPHARMA	No	No	Good Stock	small cap
Ultratech Cement	208975.80	7244.95	31.35	7946	8.82%	5157.05	40.49%	7153.35	1.28%	Cement	ULTRACEMCI	No	No	Good Stock	small cap
M&M	158785.37	1327.55	16.12	1368.55	2.85%	671.15	97.80%	1318.9	0.58%	Automobile	M&M	No	No	Good Stock	small cap
Tata Steel	147293.60	120.45	5.13	138.63	13.11%	82.71	45.63%	118.05	2.03%	Infrastructure	BOM500470	No	No	Good Stock	small cap
Ambuja Cement	102995.36	518.7	57.36	568.15	13.28%	274	89.31%	510.4	1.63%	Cement	BOM500425	No	No	Good Stock	small cap
Bank of Baroda	95555.88	184.9	9.72	197.2	6.24%	89.9	105.67%	181.8	1.71%	Bank	BOM532134	No	No	Good Stock	small cap
Codrej Consumer	93678.65	918.75	58.91	955.65	4.07%	860.2	38.96%	914.9	0.20%	FMCG	BOM532424	No	No	Good Stock	small cap
Shree Cement	87098.03	24025	54.11	27936.75	14.00%	17865.2	34.48%	23854.95	0.77%	Cement	SHREECEM	No	No	Good Stock	small cap
Eicher Motor	86543.23	3164.9	37.12	3589.65	18.63%	2159.55	45.55%	3103.25	1.99%	Automobile	EICHERMOT	No	No	Good Stock	small cap
Varun Beverage	73698.48	1154.8	51.22	1432.05	20.78%	557.23	103.65%	1187.3	-4.42%	Food	BOM540180	No	No	Good Stock	small cap
Yesbank	57927.94	20.15	45.52	24.75	18.59%	12.1	66.39%	19.9	1.26%	Bank	BOM532648	No	No	Good Stock	small cap
PI Industries	49475.63	3262	48.33	3698.45	11.80%	2333.55	39.79%	3292.65	-0.93%	Agrochemical	PIIND	No	No	Good Stock	small cap
TVS	47610.86	999.5	39.03	1177	15.08%	513	94.83%	1005.2	-0.57%	Automobile	BOM532343	No	No	Good Stock	small cap
Abbott India	47348.12	22241	53.6	22499	1.15%	15514	43.36%	22162.55	0.35%	Pharma	ABBOTINDIA	No	No	Good Stock	small cap
Balkrishna Industries	43195.67	2229	30.72	2537.45	12.16%	1690.55	31.85%	2214.25	0.67%	Tyre	BALKRISIND	No	No	Good Stock	small cap
Polycab	39945.40	2462	36.5	3025	12.00%	2043.85	30.24%	2677.05	-0.56%	Consumer Elec	POLYCAB	No	No	Good Stock	small cap
Polar Industries	38859.11	4338	63.66	4535.95	4.36%	3160.05	100.83%	4340.15	-0.05%	Defence	BOM532725	No	No	Good Stock	small cap
APL Apollo	31477.05	1138	54.9	1193.85	4.85%	771	47.34%	1127.95	0.77%	Steel	BOM533758	No	No	Good Stock	small cap
Supreme Industries	31369.92	2491	36.12	2607.85	5.62%	1666.25	47.70%	2452.7	0.34%	Plastic	SUPREMEIND	No	No	Good Stock	small cap
Federal Bank	29278.49	138.45	11.78	142.25	2.67%	82.5	67.62%	135.05	2.52%	Bank	BOM500465	No	No	Good Stock	small cap
Sumitomo Chemicals	24637.83	493.2	48.9	540.8	8.80%	351.5	40.31%	487.95	1.08%	Agrochemical	SUMICHEM	No	No	Good Stock	small cap
J K Cement	22430.59	2900.45	36.07	3646.25	20.45%	2005	44.66%	2905.9	-0.19%	Cement	BOM532644	No	No	Good Stock	small cap
UC Housing Finance	2259.27	402.9	6.85	443.5	9.15%	281.75	38.10%	400.2	0.67%	NBFC	BOM500253	No	No	Good Stock	small cap
Endurance Technology	19679.44	1398.5	42.23	1736.15	19.45%	1047.2	33.55%	1401.5	-0.19%	Automobile An	ENDURANCE	No	No	Good Stock	small cap

+ NSE/BSE Code Data Set Good Stocks Analysis

Sum: 4.70%

## 2.) Report Dashboarding

Task 1 : Connect the Data Source Sheet which you created above in Task 5 to Google Data Studio.

Task 2 : Now if specific requirements are given creating Reports is easy, so we keep upto you that how well you understand the Data Set & Provide with Good Analysis which will actually be meaningful & Also Attractive.

Sol: Industry Analysis and Stock Analysis Dashboards

In Industry Analysis Dashboard, we can check the best industries according to market cap, PE ratio, and average prices of industry. And in Stock Analysis Dashboard, we can check the biggest companies according to market cap, PE ratio, and prices movement of stocks.



## Stock Market Analysis

### Industry Analysis

AVG PE Ratio  
**35.06**

Total Industries  
**26**

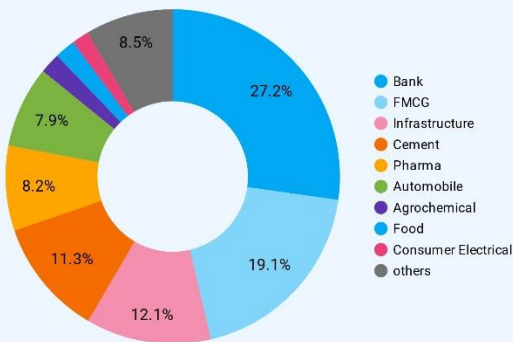
Stock  
**47**

Total Market Cap (in Rs Cr.)  
**3.72M**

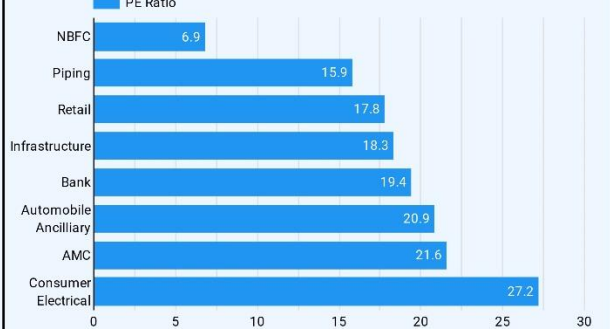
Stock ▾

Industry ▾

Market Cap by Industry



PE Ratio by Industry



Market Cap Details

	Industry	Market cap (in Rs Cr.)	Companies
1.	Bank	1M	6
2.	FMCG	710K	2
3.	Infrastructure	449.9K	2
4.	Cement	421.5K	4
5.	Pharma	305.5K	4
6.	Automobile	292.9K	3
7.	Agrochemical	74.1K	2
8.	Food	73.7K	1

Average Price by Industry

	Industry	Current price	52 Week High	% Below 52 week high
1.	Telecom	73.6	101.35	27.38%
2.	Piping	173	204.5	15.4%
3.	Retail	165.55	209.41	20.94%
4.	NBFC	402.9	443.5	9.15%
5.	Kitchen Appliances	462.25	480.4	3.78%
6.	Bank	458.45	486.98	7.46%
7.	IT	696.3	764.25	8.89%
8.	Automobile Ancillary	719.28	866.17	13%

\*Note: All stocks are small-cap stocks

## Stock Market Analysis

### Stock Analysis

Avg PE Ratio  
**35.06**

Total Stocks  
**47**

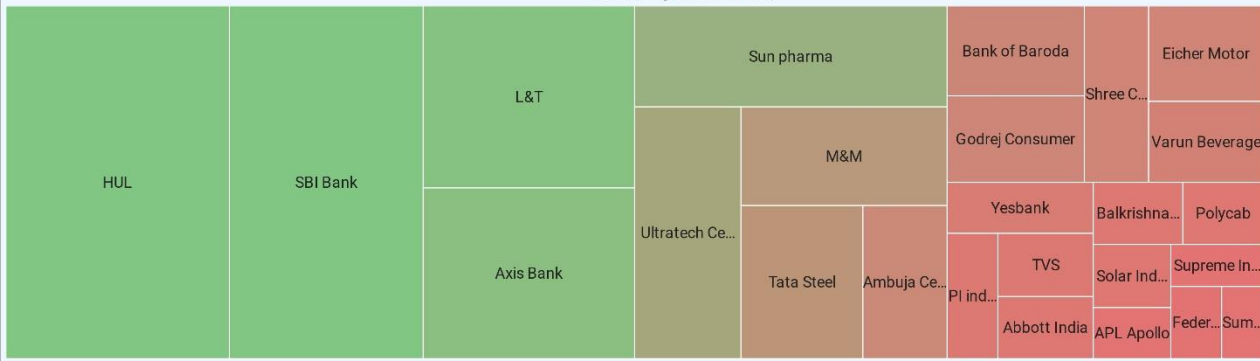
Top Gainer  
**5.67%**

Top Loser  
**-4.42%**

Stock ▾

Industry ▾

Stocks by Market Cap



Stock Price Details

	Stock	Current price	52 Week High	% Below 52 week high
1.	HFCL	73.6	101.35	27.38%
2.	Astec Lifesciences	1,669.3	2,285.65	26.97%
3.	UTI AMC	807.2	1,096.05	26.35%
4.	Fine Organics	5,630	7,328.75	23.18%
5.	Goldiam International	165.55	209.41	20.94%
6.	Varun Beverage	1,134.8	1,432.05	20.76%
7.	J K Cement	2,900.45	3,646.25	20.45%

PE Ratio by Industry



\*Note: All stocks are small-cap stocks

### **3.) Google App Script Tasks**

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