Regression Beta - 2 Years Weekly

Nifty Weekly Returns				TCS Weekly Returns		
Date	Price	Returns		Date	Price	Returns
02-04-2023	17,599.15			02-04-2023	3,155.54	
09-04-2023	17,828.00	1.30%		09-04-2023	3,124.34	-0.99%
16-04-2023	17,624.05	-1.14%		16-04-2023	3,096.90	-0.88%
23-04-2023	18,065.00	2.50%		23-04-2023	3,154.12	1.85%
30-04-2023	18,069.00	0.02%		30-04-2023	3,165.34	0.36%
07-05-2023	18,314.80	1.36%		07-05-2023	3,208.06	1.35%
14-05-2023	18,203.40	-0.61%		14-05-2023	3,157.65	-1.57%
21-05-2023	18,499.35	1.63%		21-05-2023	3,261.55	3.29%
28-05-2023	18,534.10	0.19%		28-05-2023	3,238.73	-0.70%
04-06-2023	18,563.40	0.16%		04-06-2023	3,144.37	-2.91%
11-06-2023	18,826.00	1.41%		11-06-2023	3,110.67	-1.07%
18-06-2023	18,665.50	-0.85%		18-06-2023	3,151.28	1.31%
25-06-2023	19,189.05	2.80%		25-06-2023	3,235.44	2.67%
02-07-2023	19,331.80	0.74%		02-07-2023	3,261.90	0.82%
09-07-2023	19,564.50	1.20%		09-07-2023	3,443.55	5.57%
16-07-2023	19,745.00	0.92%		16-07-2023	3,300.16	-4.16%
23-07-2023	19,646.05	-0.50%		23-07-2023	3,287.52	-0.38%
30-07-2023	19,517.00	-0.66%		30-07-2023	3,373.89	2.63%
06-08-2023	19,428.30	-0.45%		06-08-2023	3,379.03	0.15%
13-08-2023	19,310.15	-0.61%		13-08-2023	3,298.98	-2.37%
20-08-2023	19,265.80	-0.23%		20-08-2023	3,312.89	0.42%
27-08-2023	19,435.30	0.88%		27-08-2023	3,310.84	-0.06%
03-09-2023	19,819.95	1.98%		03-09-2023	3,372.27	1.86%
10-09-2023	20,192.35	1.88%		10-09-2023	3,525.50	4.54%
17-09-2023	19,674.25	-2.57%		17-09-2023	3,530.75	0.15%
24-09-2023	19,638.30	-0.18%		24-09-2023	3,457.21	-2.08%
01-10-2023	19,653.50	0.08%		01-10-2023	3,548.14	2.63%
08-10-2023	19,751.05	0.50%		08-10-2023	3,498.61	-1.40%
15-10-2023	19,542.65	-1.06%		15-10-2023	3,423.85	-2.14%
22-10-2023	19,047.25	-2.53%		22-10-2023	3,283.16	-4.11%
29-10-2023	19,230.60	0.96%		29-10-2023	3,283.11	0.00%
05-11-2023	19,425.35	1.01%		05-11-2023	3,266.01	-0.52%
12-11-2023	19,731.80	1.58%		12-11-2023	3,431.59	5.07%
19-11-2023	19,794.70	0.32%		19-11-2023	3,387.16	-1.29%
26-11-2023	20,267.90	2.39%		26-11-2023	3,440.61	1.58%
03-12-2023	20,969.40	3.46%		03-12-2023	3,553.33	3.28%
10-12-2023	21,456.65	2.32%		10-12-2023	3,782.89	6.46%
17-12-2023	21,349.40	-0.50%		17-12-2023	3,746.64	-0.96%
24-12-2023	21,731.40	1.79%		24-12-2023	3,716.66	-0.80%
31-12-2023	21,710.80	-0.09%		31-12-2023	3,662.28	-1.46%
07-01-2024	21,894.55	0.85%		07-01-2024	3,804.25	3.88%
14-01-2024	21,622.40	-1.24%		14-01-2024	3,881.18	2.02%
21-01-2024	21,352.60	-1.25%		21-01-2024	3,750.51	-3.37%

Beta Drifting

	TCS	Infosys	HCL Tech	Wipro	Tech Mahindra
Levered Raw Beta	0.85	0.87	0.82	0.98	0.87
Raw Beta Weight	75.00%	75.00%	75.00%	75.00%	75.00%
Market Beta	1.00	1.00	1.00	1.00	1.00
Market Beta Weight	25.00%	25.00%	25.00%	25.00%	25.00%
Adjusted levered Beta	0.89	0.90	0.86	0.99	0.90

	TCS	Infosys	HCL Tech	Wipro	Tech Mahindra
Beta 1	0.85	0.87	0.82	0.98	0.87
Beta 2	0.85	0.87	0.82	0.98	0.87
Beta 3	0.85				

SUMMARY OUTPUT

Regression Statistics

Multiple R	0.489685387
R Square	0.239791778
Adjusted R Squa	0.232338756
Standard Error	0.024682411
Observations	104

ANOVA

	df	SS	MS	F	Significance F
Regression	1	0.019600947	0.019600947	32.17376587	1.32388E-07
Residual	102	0.062140582	0.000609221		
Total	103	0.081741529			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 95.0%	Upper 95.0%
Intercept	-0.000850411	0.002455949	-0.346265696	0.729856295	-0.005721773	0.004020952	-0.005721773	0.004020952
X Variable 1	0.851264116	0.150076737	5.672192333	1.32388E-07	0.55358762	1.148940612	0.55358762	1.148940612