

## Assignment - Stock Market Analysis

Below is the detailed analysis of all 6 stocks on yearly basis. It can be concluded that percentage of **Golden Cross** lies around **1.11%** and **Death Cross** lies around **1.13%**.

### Bajaj

	2015	2016	2017	2018
Buy	2.020202	0.404858	1.214575	2.739726
Sell	1.515152	0.809717	1.214575	2.054795
Hold	96.46465	98.78543	97.57085	95.20548

The overall percentage to **BUY (1.43%)**, **SELL (1.31%)** and **HOLD (97.25%)** for Bajaj.

### TCS

	2015	2016	2017	2018
Buy	1.522843	0.809717	2.016129	1.369863
Sell	2.030457	0.809717	2.016129	1.369863
Hold	96.4467	98.38057	95.96774	97.26027

The overall percentage to **BUY (1.43%)**, **SELL (1.55%)** and **HOLD (97.01%)** for TCS.

### TVS

	2015	2016	2017	2018
Buy	1.015228	1.619433	0.403226	0.684932
Sell	0.507614	2.024291	NA	1.369863
Hold	98.47716	96.35628	99.59677	97.94521

The overall percentage to **BUY (0.95%)**, **SELL (0.95%)** and **HOLD (98.09%)** for TVS.

### Infosys

	2015	2016	2017	2018
Buy	1.010101	0.809717	1.619433	0.684932
Sell	1.515152	0.404858	1.619433	0.684932
Hold	97.47475	98.78543	96.76113	98.63014

The overall percentage to **BUY (1.07%)**, **SELL (1.07%)** and **HOLD (97.85%)** for Infosys.

### Eicher

	2015	2016	2017	2018
Buy	0.507614	0.809717	0.806452	0.684932
Sell	1.015228	0.809717	0.806452	0.684932
Hold	98.47716	98.38057	98.3871	98.63014

The overall percentage to **BUY (0.71%)**, **SELL (0.83%)** and **HOLD (98.44%)** for Eicher.

### Hero

	2015	2016	2017	2018
Buy	1.015228	0.809717	1.209677	1.369863
Sell	0.507614	1.214575	1.209677	1.369863
Hold	98.47716	97.97571	97.58065	97.26027

The overall percentage to **BUY (1.07%)**, **SELL (1.07%)** and **HOLD (97.85%)** for Hero.