

## Stock Analysis

### Objective:

The purpose of this activity is to check if we can decide when to sell or buy or hold stocks based on the concept of Golden Cross and Death Cross when a short-term moving average crosses the long term major moving average upwards and downwards respectively. However, this crossing generates a signal and merely being above and below does not provide an assurance completely to take the final decision.

### Summary

We have run the concept of moving average for 20 days and 50 days on 6 different company's stock price. The duration for this activity was from 1<sup>st</sup> Jan 2015 to 31<sup>st</sup> July 2018. During this period of time the total count of buy or sell option for each stock is mentioned below:

Stock	Buy	Sell
Bajaj	12	12
Eicher	7	7
Hero	9	10
Infosys	10	9
Tcs	13	14
Tvs	9	9

We can see that TCS has most number of buy and sell options and Eicher has least. Which means, TCS stocks are more aggressive in nature. One can buy and sell most number of times and gain profit out of it in short time. However, as it is most aggressive in nature, it is also riskier and not selling at right time may leads to loss. On the other hand, Eicher stocks are conservative and it gives less options to sell and gain profit in short term period. However, it is safe and if good to continue for long term plan.