

Stock Market Analysis Summary

Objective: To find stock which can be bought and sold by using Simple Average Method for short term i.e. 20-day period and long term i.e. 50-day period

Data: Stock price data of Eicher Motors, Hero, Bajaj Auto, TVS Motors, Infosys and TCS.

Source: NSE website

Period: 1-Jan-2015 to 31-July-2018

Technique: Simple Moving Average

Method:

- Buying stock when there is golden cross i.e. When the shorter-term moving average crosses above the longer-term moving average
- Selling the stock at death cross i.e. when the shorter term moving average crosses below the longer-term moving average

Inferences:

Below table shows the best time to buy the stocks

Sl.no	Stock Name	Date	Price
1.	Bajaj Auto	18-05-2015	2221.95
2.	Eicher Motors	11-01-2016	17257.20
3.	Hero Motors	20-10-2015	2605.05
4.	Infosys	24-10-2017	926.75
5.	TCS	02-01-2017	2359.05
6.	TVS Motors	07-10-2015	241.30

In terms of price the best stock to buy is **TVS Motors**

Below table shows the best time to sell the stocks

Sl.no	Stock Name	Date	Price
1.	Bajaj Auto	25-01-2018	3303.2
2.	Eicher Motors	13-10-2017	31362.20
3.	Hero Motors	04-10-2017	3794
4.	Infosys	31-03-2015	2216.60
5.	TCS	22-03-2018	2829.95
6.	TVS Motors	29-01-2018	719.70

In terms of price the best stock to sell is **Eicher Motors**
