

# SQL Assignment – Stock Market Analysis

Author	Email	Version	Remarks
Rahul Kumar	<a href="mailto:Rahul.cs068@gmail.com">Rahul.cs068@gmail.com</a>	+91-9538109454	-

## Description

The market analysis is done for 6 stocks i.e. Bajaj Auto, Infosys, TCS, TVS, Hero and Eicher. This analysis is based on 20 day Moving average and 50 days moving average.

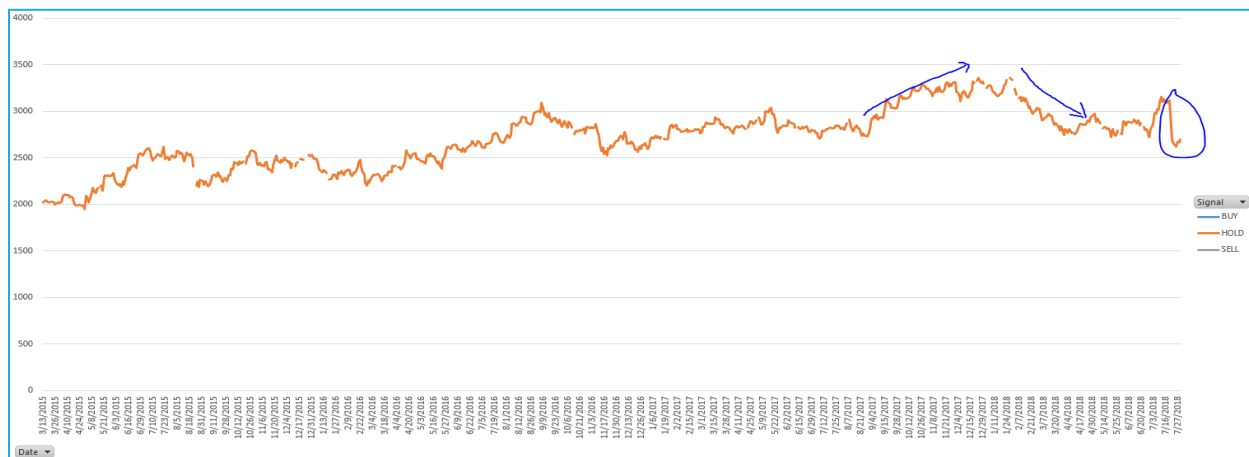
Moving Average technology is used here which is good in terms of the easiest to understand and used to potentially enhance the trading proficiency and what they may be signaling about the stock market.

Hence using MA technology, for all the 6 stocks, signals i.e. buy, sell and hold are generated over a period of time starting from 01-Jan-2015 till 31-July-2018.

It's been observed that the stocks are stable in market and no much of buy and sell is appearing over the months or year.

For example, Bajaj stocks have seen number of steep down of close price over the periods. And there are chances where close price has gained but the market analysis says to keep on 'HOLD'.

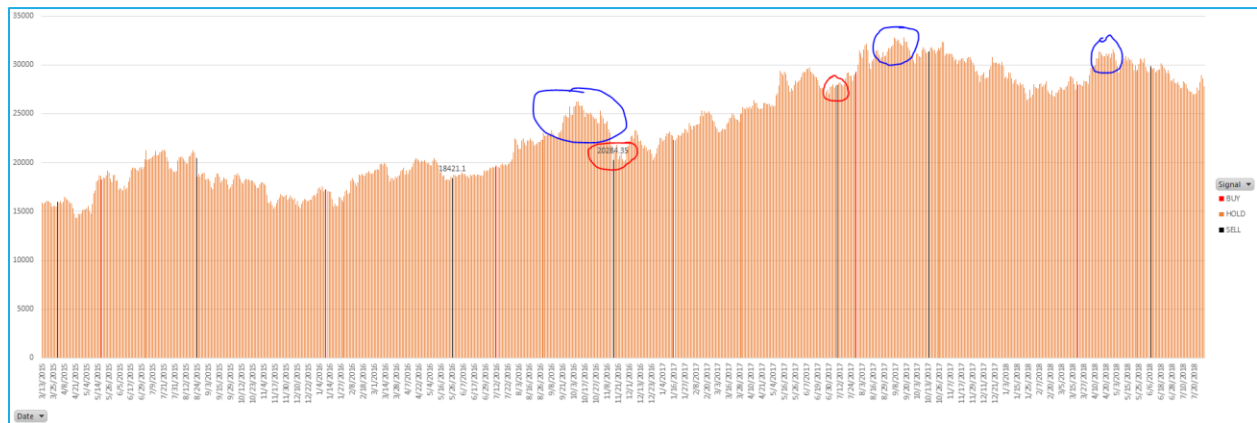
In last few days of the analysis period, close price has really gone down will some 400+ amount, where company Bajaj has to think on their business.



Similarly, if we see the observations from other stocks the market is very volatile on predicting the trend

Let's take the another stock – Eicher

Here, many a times when stock close price was on its high, the trend signal shows to keep the stock on HOLD and post to it prices fallen down.



Some key points to be taken out of this is -

If the price is above a moving average, it can serve as a strong support level—meaning if the stock does decline, the price might have a more difficult time falling below the moving average price level. Alternatively, if the price is below a moving average, it can serve as a strong resistance level—meaning if the stock were to increase, the price might struggle to rise above the moving average.

Always to note: Past performance is no guarantee of future results. Stock markets are volatile and can decline significantly in response to adverse issuer, political, regulatory, market, or economic developments.

-----XXXX-----