

## Assignment - Stock Market Analysis

### Key observations and Summary:

**Result 1:** we have obtained moving average of stock closing price. In result 1, we are creating MA of 20 days and 50 days preceding from current day. Here we just collecting the information and ready data to Analysis further.

**Result 2:** Again, we are accumulating all stock's closing price with respective dates in one table as called "Master\_table".

**Result 3:** So far, we have created MA table and now going to create Buy/Sell signal on the bases of moving average of close price.

### ***Observation 1 of Result3:***

We observed that, whenever 20-day MA closing price goes to higher than 50-day MA closing price then signal indicate to **BUY** trad.

### ***Observation 2 of Result3:***

IF 20 Days MA closing price going to less than 50 Days MA Closing price then Signal indicate to **SELL** trad as well compare one day pervious MA which should be vise-versa.

### ***Observation 3 of Result3:***

In between the lower MA closing price and Higher closing price Signal indicates HOLD the shares for trading.

### **Key Observations:**

In stock market, trading signal predict on the base of pervious lowest price, highest price and closing price of shares. We have compared current day Moving average and one day pervious MA between 20 MA and 50 MA to indicate trading signals.

**Summary of whole Assignment:** We used MySQL tool to analysis the stock market of various company shares. Upload all Six stock data to SQL tables and find 20MA & 50MA to find trading signals. We applied Window function and basic SQL to analysis whole data. Final analysis insight the data signal for buy and sell stocks trading.

THANK YOU