

# SQL Assignment Summary

## Stock Market Analysis

**1<sup>st</sup> Observation/Analysis: The minimum and maximum close price and the change/growth for all the 6 stocks.**

bajaj_min	bajaj_max	percent_change_bajaj	eicher_min	eicher_max	percent_change_eicher	hero_min	hero_max	percent_change_hero
1949.4	3409.5	74.89996922	14320.6	32786.4	128.9457146	2279.8	4047.3	77.52873059
infosys_min	infosys_max	percent_change_infosys	tcs_min	tcs_max	percent_change_tcs	tvb_min	tvb_max	percent_change_tvb
873.5	2326.6	166.3537493	1721.2	3604.8	109.4352777	213.55	785.3	267.7358932

For reference

Stockname\_max = Maximum Close Price

Stockname\_min = Minimum Close Price

Percent\_change\_stockname = Growth/Change in Close Price

So, from the above table, we infer that,

Growth/Change of Close price for stocks are as follows:

Bajaj: 74.8%

Eicher: 128.9%

Hero: 77.5%

Infosys: 166.3%

TCS: 109.4%

TVS: 267.7%

All the above values show that TVS is the most volatile stock while Bajaj and Hero are the least volatile stocks.

## **2<sup>nd</sup> Observation/Analysis: The Buy/Sell/Hold Analysis of all 6 stocks.**

1. Bajaj:

The Buy signal shows up on Monday, Tuesday, Thursday, Wednesday. We can infer that most of the buys happen in weekdays.

The Sell signal also happens on the weekdays but also includes Friday.

2. Eicher:

The buy signal shows up for Monday, Tuesday, Friday, Wednesday (but no Thursdays).

The sell signal shows up for all the weekdays.

3. Hero:

The buy signal shows up for Monday, Tuesday, Friday, Wednesday (but no Thursdays).

The sell signal also shows up for Monday, Tuesday, Friday, Wednesday (but no Thursdays).

So, no buy/sell on Thursdays and weekends.

4. Infosys:

The buy signal shows up for all the weekdays.

The sell signal shows up for Monday, Tuesday, Friday, Wednesday (but no Thursdays).

5. TCS:

The buy signal shows up for most of the Mondays and Tuesdays and only once for Friday.

The sell signal shows up for all weekdays.

6. TVS:

The buy signal shows up for all weekdays.

The sell signal shows up for all Monday, Wednesday, Thursday and Friday (No Tuesdays)

Inference:

So, one common thing we can infer from above that no buy/sell of stocks happen in weekends.

There are also some cases where there is buy or sell in some weekdays also.