

Basic analysis using Excel

Stock price Purchase

Using basic excel we are analysing stock price and profit for a five-year time. Using intel stock price from 2016 to 2021 we are checking to see the difference between buying stock all at first or buy them throughout the years.

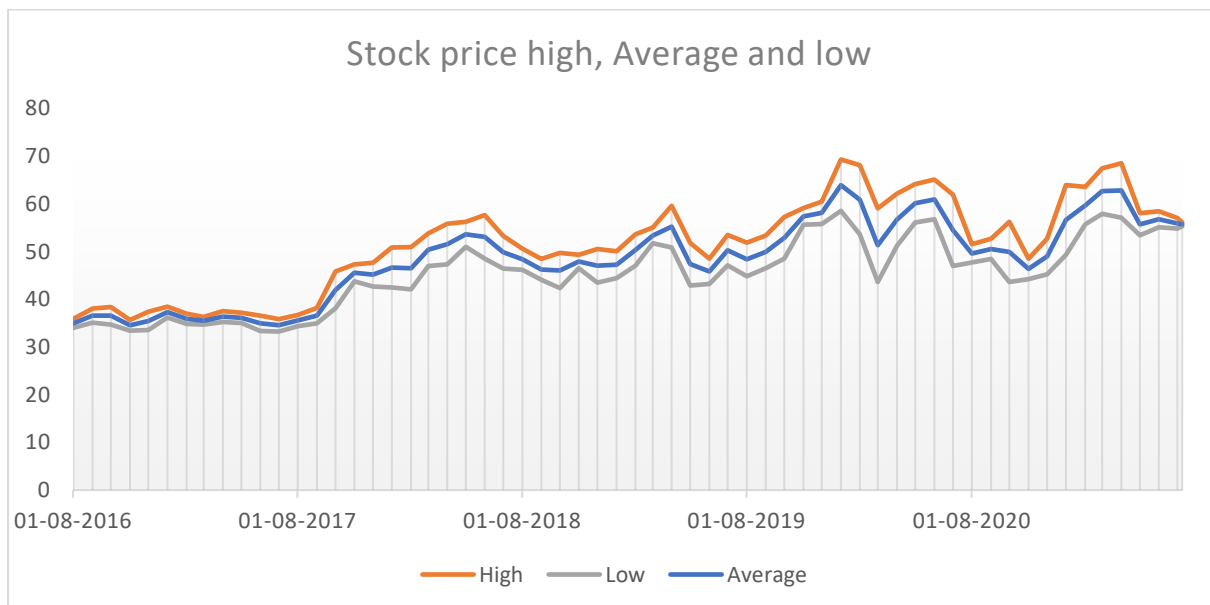
We are checking to see the difference in the profit/loss.

Data set

- Data set from yahoo finance
- From 2016-2021
- Data set contains: - Date, Open, High, Low, Close, adjvolume, Volume
- No need to clean the data set

Details

- stock respect to each month
- For analysis purposes we are using average price on that respective month (high and low)
- Assuming we buy 1 unit per month



There are 61 months and we are considering that we have 61 stocks of intel.

Here in the table it shows how much is the total at for the different stock price for 5 years. We are considering average price of stock per month.

| Total | Months | High | Average | Low |
|-------|--------|----------|-----------|---------|
| | 61 | 3145.035 | 2956.1725 | 2767.31 |

How much is the difference if someone buys the stock at the beginning or gradually each stock per month.

Scenario A

If a person bought 61 Shares at first, he needs about 2131.645\$

Total price after 5 years is 3398.1575\$

So, the profit or loose for A is 1266.5125\$

59% increase of profit

If we add a ~5% inflation in the A we get a profit of 1236.95\$

58%

Scenario B

Bought stock per month for last 5 years for about 61 shares

Total price of stock for 5 years is 2956.172\$

Total price after 5 years is 3398.1575\$

Profit or loose for B is 441.9855

15% increase in profit

Conclusion

AS we know scenario A has more profit than B.