VBA-Challenge

Stock Market Analysis.

This project is a VBA scripting to analyze real stock market data. This analysis used two data-points one is Test Data, which is used while developing the script, and the other is Stock Data which is the main data to run the script. The data is sourced into Excel Microsoft Office, the test data has 6 sheets(A-P) the size of this file is smaller and used for testing. The stock data or the main data has three sheets categorized yearly 2018, 2019, 2020. This file is bigger in size, it may take time when you execute the script into the file. The VBA scripts were also found in both data points file directories.

Script Loop:

The script loops through all the stocks data once and the following information is displayed.

Ticker Column:

The script will sort the distinct ticker symbol in one column in column "I" with a column header "Ticker.

Yearly Change:

The script will execute Yearly change from opening price at the beginning of a given year to the closing price at the end of that year and put the value on "J" column. For this task the code added a conditional formatting that highlighted positive change in green and negative change in red.

Percent Change:

The script also percent perform a change from opening price at the beginning of a given year to the closing price at the end of that year and put the value on "K" column.

Total Stock Volume:

The total stock volume was also generated on "L" column.

Lastly, the solution also provides the stock with the "Greatest % increase", "Greatest % decrease" and "Greatest total volume".

The solution look as follows: