Sub Multiple\_year\_stock\_data()

'define all terms

Dim Ticker As String

Dim YearOpen As Double

Dim YearClose As Double

Dim StockVolume As Double

Dim SummaryTableRow As Integer

Dim Start As Long

Dim PercentChange As Double

'define the last row

lastrow = Cells(Rows.Count, 1).End(xlUp).Row

YearOpen = 0

YearClose = 0

StockVolume = 0

SummaryTableRow = 2

Start = 2

PercentChange = 0

For i = 2 To lastrow

If Cells(i, 1).Value <> Cells(i + 1, 1).Value Then

Ticker = Cells(i, 1).Value

Cells(SummaryTableRow, 9).Value = Ticker

StockVolume = StockVolume + Cells(i, 7).Value

Cells(SummaryTableRow, 12).Value = StockVolume

YearClose = Cells(i, 6).Value

YearOpen = Cells(Start, 3).Value

Cells(SummaryTableRow, 10).Value = YearClose - YearOpen

Cells(SummaryTableRow, 11).Value = (YearClose - YearOpen) / YearOpen

Start = i + 1

StockVolume = 0

SummaryTableRow = SummaryTableRow + 1

Else

' Assigning StockVolume calculation back to the current running StockValue

StockVolume = StockVolume + Cells(i, 7).Value

End If

Next i

'set all headers

Cells(1, 9).Value = "Ticker"

Cells(1, 10).Value = "Yearly Change"

Cells(1, 11).Value = "Percent Change"

Cells(1, 12).Value = "Total Stock Volume"

'column K has to be in percentage format

Columns("K").NumberFormat = "0.00%"

'conditional formatting for column J

Dim Ran As Range

Dim k As Long

Dim l As Long

Dim CellColor As Range

Set Ran = Range("j2", Range("j2").End(xlDown))

l = Ran.Cells.Count

For k = 1 To l

Set CellColor = Ran(k)

Select Case CellColor

Case Is >= 0

With CellColor

.Interior.Color = vbGreen

End With

Case Is < 0

With CellColor

.Interior.Color = vbRed

End With

End Select

Next k

End Sub