Sub stock\_analysis():

' Creating the columns for Ticker, Yearly Change, Percent Change, and Total Stock Volume

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

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

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

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

' Autofit columns

Sheets(1).UsedRange.Columns.AutoFit

' Declaring the variables

Dim total As Double

Dim r As Integer

total = 0

r = 0

' Starting from row 2 to skip header

Start = 2

' rowcount equal to the last non-null value in column A

RowCount = Cells(Rows.Count, "A").End(xlUp).Row

For i = 2 To RowCount

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

ticker = Cells(i, 1).Value

Range("I" & 2 + r).Value = ticker

volume = Cells(i, 7).Value

Range("L" & 2 + r).Value = volume + total

' Calculating price change (closing price - opening price)

Change = Cells(i, 6).Value - Cells(i, 3).Value

Range("J" & 2 + r).Value = Change

Range("J" & 2 + r).NumberFormat = "0.00%"

'Calculating percentage change (change / opening price)

percent\_change = Change / Cells(i, 3).Value

Range("K" & 2 + r).Value = percent\_change

Range("K" & 2 + r).NumberFormat = "0.00%"

' Formating colors using if

If Change > 0 Then

Range("J2" & 2 + r).Interior.ColorIndex = 4

ElseIf Change < 0 Then

Range("J2" & 2 + r).Interior.ColorIndex = 3

Else

Range("J2" & 2 + r).Interior.ColorIndex = 0

End If

total = 0

r = r + 1

Else

volume = Cells(i, 7).Value

total = total + volume

End If

Next i

End Sub