VBA Script for Stock Analysis

Sub Stock()

'Set Dimensions

Dim Total As Double

Dim i As Long

Dim j As Integer

Dim Change As Double

Dim percentChange As Double

Dim Start As Long

Dim rowCount As Long

Dim days As Integer

Dim averageChange As Double

Dim dailyChange As Double

'Row titles

Range("I1").Value = "Ticker"

Range("J1").Value = "Yearly Change"

Range("K1").Value = "Percent Change"

Range("L1").Value = "Total Stock Volume"

'Values

j = 0

Total = 0

Change = 0

Start = 2

dailyChange = 0

'Get last row

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

'Loop

For i = 2 To rowCount

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

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

If Total = 0 Then

Range("I" & 2 + j).Value = Cells(i, 1).Value

Range("J" & 2 + j).Value = 0

Range("K" & 2 + j).Value = "%" & 0

Range("L" & 2 + j).Value = 0

Else

If Cells(Start, 3) = 0 Then

For find\_value = Start To i

If Cells(find\_value, 3).Value <> 0 Then

Start = find\_value

Exit For

End If

Next find\_value

End If

'Find Change

Change = (Cells(i, 6) - Cells(Start, 3))

percentChange = Round((Change / Cells(Start, 3) \* 100), 2)

Start = i + 1

Range("I" & 2 + j).Value = Cells(i, 1).Value

Range("J" & 2 + j).Value = Round(Change, 2)

Range("K" & 2 + j).Value = "%" & percentChange

Range("L" & 2 + j).Value = Total

'Add colors where green is positive and red is negative

If Change > 0 Then

Range("j" & 2 + j).Interior.Color = vbGreen

ElseIf Change < 0 Then

Range("j" & 2 + j).Interior.Color = vbRed

Else

Range("j" & 2 = j).Interior.ColorIndex = 0

End If

End If

'reset value for new stockTicker

Total = 0

Change = 0

j = j + 1

days = 0

dailyChange = 0

Else

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

End If

Next i

End Sub