Sub dataanalysis()

' Set dimensions

Dim total As Double

Dim i As Long

Dim change As Double

Dim j As Integer

Dim start As Long

Dim rowCount As Long

Dim percentChange As Double

Dim days As Integer

Dim dailyChange As Double

Dim averageChange As Double

Dim ws As Worksheet

For Each ws In ThisWorkbook.Worksheets

ws.Activate

' Set title row

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

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

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

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

' Set initial values

j = 0

total = 0

change = 0

start = 2

' get the row number of the last row with data

rowCount = Application.CountA(ActiveSheet.Range("A:A"))

For i = 2 To rowCount

' If ticker changes then print results

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

' Stores results in variables

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

' Handle zero total volume

If total = 0 Then

' print the results

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

' Find First non zero starting value

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

' Calculate Change

percentChange = Cells(i, 6).Value / Cells(start, 3).Value - 1

dailyChange = Cells(i, 6).Value - Cells(start, 3).Value

' start of the next stock ticker

start = i + 1

' print the results

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

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

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

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

' colors positives green and negatives red

If Range("J" & 2 + j).Value > 0 Then

Range("J" & 2 + j).Interior.ColorIndex = 4

Else: Range("J" & 2 + j).Interior.ColorIndex = 3

End If

End If

' reset variables for new stock ticker

total = 0

change = 0

j = j + 1

days = 0

' If ticker is still the same add results

Else

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

End If

Next i

Columns("J:J").Select

Selection.Style = "Comma"

Columns("K:K").Select

Selection.Style = "Percent"

Selection.NumberFormat = "0.00%"

Columns("L:L").Select

Selection.Style = "Comma"

Selection.NumberFormat = "\_(\* #,##0.0\_);\_(\* (#,##0.0);\_(\* ""-""??\_);\_(@\_)"

Selection.NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)"

Columns("L:L").EntireColumn.AutoFit

Columns("K:K").EntireColumn.AutoFit

Columns("J:J").EntireColumn.AutoFit

Range("O2").Value = "Greatest % Increase"

Range("O3").Value = "Greatest % Decrease"

Range("O4").Value = "Greatest Total Volume"

Range("P1").Value = "Ticker"

Range("Q1").Value = "Value"

Range("Q2").Value = "=MAX(K:K)"

Selection.Style = "Percent"

Selection.NumberFormat = "0.00%"

Range("Q3").Value = "=MIN(K:K)"

Selection.Style = "Percent"

Range("Q2").Value = "=MAX(K:K)"

Range("Q3").Value = "=MIN(K:K)"

Range("Q4").Value = "=MAX(L:L)"

Range("P2").Value = "=XLOOKUP(Q2,K:K,I:I,0)"

Range("P3").Value = "=XLOOKUP(Q3,K:K,I:I,0)"

Range("P4").Value = "=XLOOKUP(Q4,L:L,I:I,0)"

Columns("O:O").EntireColumn.AutoFit

Columns("P:P").EntireColumn.AutoFit

Columns("Q:Q").EntireColumn.AutoFit

Columns("L:L").Select

Selection.Style = "Comma"

Selection.NumberFormat = "\_(\* #,##0.0\_);\_(\* (#,##0.0);\_(\* ""-""??\_);\_(@\_)"

Selection.NumberFormat = "\_(\* #,##0\_);\_(\* (#,##0);\_(\* ""-""??\_);\_(@\_)"

Next ws

End Sub