Sub stock\_analysis():

Dim total As Double

Dim x As Long

Dim y As Long

Dim change As Double

Dim start As Long

Dim percentChange As Double

Dim maxIncr As Long

Dim maxDecr As Long

Dim maxVol As Long

'Set Title Row

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

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

Range("K1").Value = "Total Stock Volume"

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

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

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

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

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

'Set Initial Values

y = 0

total = 0

change = 0

start = 2

'Get the row number of the last row with data

row\_Count = Cells(Rows.Count, "A").End(x1up).Row

For x = 2 To row\_Count

'If ticker changes then print results

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

'Store results in variable

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

'Handle Total 0 Volume

If total = 0 Then

'Print the results

Range("I" & 2 + y).Value = Cells(x, 1).Value

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

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

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

Else

'Find First non zero starting value

If Cells(start, 3) = 0 Then

For found = start To x

If Cells(found, 3).Value <> 0 Then

start = found

Exit For

End If

Next found

End If

'Calculate Change

change = (Cells(x, 6).Value) - (Cells(start, 3).Value)

percentChange = change / (Cells(start, 3).Value)

'Start of the next stock ticker

start = x + 1

'Print the results

Range("I" & 2 + y).Value = Cells(x, 1).Value

Range("J" & 2 + y).Value = change

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

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

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

'Color positive and negative changes

Select Case change

Case Is > 0

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

Case Is < 0

Range("J" & 2 + y).Interior.ColorIndex = 3

Case Else

Range("J" & 2 + y).Interior.ColorIndex = 0

End Select

End If

' Reset Varaibles for new stock ticker

change = 0

y = y + 1

total = 0

' If ticker is still the same, add results

Else

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

End If

Next x

Range("Q2").Value = WorksheetFunction.Max(Range("K2:K" & row\_Count))

Range("Q2").NumberFormat = "0.00%"

Range("Q3").Value = WorksheetFunction.Min(Range("K2:K" & row\_Count))

Range("Q3").NumberFormat = "0.00%"

Range("Q4").Value = WorksheetFunction.Max(Range("L2:L" & row\_Count))

maxIncr = WorksheetFunction.Match(WorksheetFunction.Max(Range("K2:K" & row\_Count)), Range("K2:K" & row\_Count), 0)

maxDecr = WorksheetFunction.Match(WorksheetFunction.Min(Range("K2:K" & row\_Count)), Range("K2:K" & row\_Count), 0)

maxVol = WorksheetFunction.Match(WorksheetFunction.Max(Range("L2:L" & row\_Count)), Range("L2:L" & row\_Count), 0)

Range("P2").Value = Cells(maxIncr + 1, 9)

Range("P3").Value = Cells(maxDecr + 1, 9)

Range("P4").Value = Cells(maxVol + 1, 9)

End Sub