*VBA Script*

Sub stock\_data\_analysis()

Dim tickername As String

Dim lastrow As Long

Dim vol As Double

Dim j As Long

Dim i As Long

Dim openvalue As Single

Dim closevalue As Single

Dim yearlydifference As Single

Dim percenchange As Double

Dim k As Long

Dim sheetCount As Long

sheetCount = Sheets.Count

For k = 1 To sheetCount

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

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

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

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

Sheets(k).Cells(1, 16).Value = "Ticker"

Sheets(k).Cells(1, 17).Value = "Value"

Sheets(k).Cells(2, 15).Value = "Greatest % Increase"

Sheets(k).Cells(3, 15).Value = "Greatest % Decrease"

Sheets(k).Cells(4, 15).Value = "Greatest Total Volume"

openvalue = Sheets(k).Range("C2").Value

vol = 0

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

j = 2

For i = 2 To lastrow

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

tickername = Sheets(k).Cells(i, 1).Value

Sheets(k).Range("I" & j).Value = tickername

Sheets(k).Range("L" & j).Value = vol + Sheets(k).Range("G" & i).Value

closevalue = Sheets(k).Range("F" & i).Value

yearlydifference = closevalue - openvalue

Sheets(k).Range("J" & j).Value = yearlydifference

Sheets(k).Range("J" & j).Value = Round(Sheets(k).Range("J" & j).Value, 2)

percentchange = yearlydifference / openvalue

Sheets(k).Range("K" & j).Value = percentchange

Sheets(k).Range("K" & j).NumberFormat = "0.00%"

j = j + 1

vol = 0

openvalue = Sheets(k).Range("C" & i + 1)

Else

vol = vol + Sheets(k).Range("G" & i).Value

End If

Next i

Dim lastrowsummarytable As Long

Dim greatestpercent As Single

Dim greatestpercentticker As String

Dim lowestpercent As Single

Dim lowestpercentticker As String

Dim greatestvolume As Double

Dim greatestvolumeticker As String

greatestpercent = -10000

lowestpercent = 10000

greatestvolume = -1

lastrowsummarytable = Sheets(k).Cells(Rows.Count, 9).End(xlUp).Row

For i = 2 To lastrowsummarytable

If Sheets(k).Range("J" & i).Value < 0 Then

Sheets(k).Range("J" & i).Interior.ColorIndex = 3

Else:

Sheets(k).Range("J" & i).Interior.ColorIndex = 4

End If

If Sheets(k).Range("K" & i).Value > greatestpercent Then

greatestpercent = Sheets(k).Range("K" & i).Value

greatestpercentticker = Sheets(k).Range("I" & i).Value

End If

If Sheets(k).Range("K" & i).Value < lowestpercent Then

lowestpercent = Sheets(k).Range("K" & i).Value

lowestpercentticker = Sheets(k).Range("I" & i).Value

End If

If Sheets(k).Range("L" & i).Value > greatestvolume Then

greatestvolume = Sheets(k).Range("L" & i).Value

greatestvolumeticker = Sheets(k).Range("I" & i).Value

End If

Next i

Sheets(k).Range("P2").Value = greatestpercentticker

Sheets(k).Range("P3").Value = lowestpercentticker

Sheets(k).Range("P4").Value = greatestvolumeticker

Sheets(k).Range("Q2").Value = greatestpercent

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

Sheets(k).Range("Q3").Value = lowestpercent

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

Sheets(k).Range("Q4").Value = greatestvolume

Next k

End Sub