**Analyse original dataset**

Sub analyze():

Dim lastRow As Long

Dim ticker As String

Dim total As LongLong

Dim counter As Integer

Dim tickercounter As Integer

Dim ws As Worksheet

For Each ws In Sheets

ticker = ""

total = 0

counter = 0

tickercounter = 2

lastRow = ws.Cells(Rows.Count, 1).End(xlUp).Row

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

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

ws.Cells(1, 11).Value = "Percentage Change"

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

For i = 2 To lastRow

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

ticker = ws.Cells(i, 1).Value

openvalue = ws.Cells(i, 3).Value

End If

counter = counter + 1

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

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

closevalue = ws.Cells(i, 6).Value

ws.Cells(tickercounter, 9).Value = ticker

ws.Cells(tickercounter, 10).Value = closevalue - openvalue

If openvalue <> 0 Then

percent\_val = Round((ws.Cells(tickercounter, 10).Value / openvalue) \* 100, 2)

Else

percent\_val = 0

End If

ws.Cells(tickercounter, 11) = "%" & percent\_val

ws.Cells(tickercounter, 12).Value = total

If ws.Cells(tickercounter, 10).Value > 0 Then

ws.Cells(tickercounter, 10).Interior.ColorIndex = 4

Else

ws.Cells(tickercounter, 10).Interior.ColorIndex = 3

End If

counter = 0

total = 0

tickercounter = tickercounter + 1

End If

Next i

Next ws

End Sub

**Find the greatest % and volume**

Sub greatest\_value()

Dim base\_volume As LongLong

Dim ticker\_high As String

Dim ticker\_volume As String

Dim ws As Worksheet

For Each ws In Sheets

base\_volume = Cells(2, 12).Value

base\_percent = Cells(2, 11).Value

ticker\_high = Cells(2, 9).Value

ticker\_volume = Cells(2, 9).Value

lastRow = ws.Cells(Rows.Count, 9).End(xlUp).Row

ws.Cells(1, 15).Value = "Ticker"

ws.Cells(1, 16).Value = "Value"

ws.Cells(2, 14).Value = "Greatest % Increase"

ws.Cells(3, 14).Value = "Greatest % Decrease"

ws.Cells(4, 14).Value = "Greatest Total Volume"

For i = 2 To lastRow

If ws.Cells(i, 11).Value > base\_percent Then

base\_percent = ws.Cells(i, 11).Value

ticker\_high = ws.Cells(i, 9).Value

End If

If ws.Cells(i, 12).Value > base\_volume Then

base\_volume = ws.Cells(i, 12).Value

ticker\_volume = ws.Cells(i, 9).Value

End If

Next i

ws.Cells(2, 15).Value = ticker\_high

ws.Cells(2, 16).Value = base\_percent

ws.Cells(4, 15).Value = ticker\_volume

ws.Cells(4, 16).Value = base\_volume

Next ws

End Sub

**Find the lowest %**

Sub low\_value()

Dim ticker\_low As String

Dim ws As Worksheet

For Each ws In Sheets

low\_percent = Cells(2, 11).Value

ticker\_low = Cells(2, 9).Value

lastRow = ws.Cells(Rows.Count, 9).End(xlUp).Row

For i = 2 To lastRow

If ws.Cells(i, 11).Value < low\_percent Then

low\_percent = ws.Cells(i, 11).Value

ticker\_low = ws.Cells(i, 9).Value

End If

Next i

ws.Cells(3, 15).Value = ticker\_low

ws.Cells(3, 16).Value = low\_percent

Next ws

End Sub