# VBA Code

Sub FullTicker()

'Declarations

Dim Ticker\_change As String

Dim Stock\_open As Double

Dim Stock\_close As Double

Dim Ticker\_out As String

Dim Per\_change As Double

Dim Stock\_vol As Double

Dim I As Long

Dim j As Long

Dim Num\_rows As Long

Num\_rows = Application.CountA(Range("A:A")) + 1

'This will list out the locations where the values will be placed.

Ticker\_out = Cells(2, 1).Value

Stock\_open = Cells(2, 3).Value

Stock\_close = Cells(2, 6).Value

'These will be the equations for the stock, they will need to be placed inside of the iterations themselves.

Price\_Change = Stock\_close - Stock\_open

Per\_change = Price\_Change / Stock\_open

Stock\_vol = Cells(2, 7).Value

'Here is the column designation

Cells(1, 9) = "Ticker"

Cells(1, 10) = "Yearly Change"

Cells(1, 11) = "Yearly Percentage Change"

Cells(1, 12) = " Yearly Volume"

j = 2

'The First iteration, it will begin by finding all the data for that ticker than switch tickers

For I = 3 To Num\_rows

Ticker\_change = Cells(I, 1).Value

'This will handle the ticker change and calculate the price change in stock

If Ticker\_change <> Ticker\_out Then

Cells(j, 9).Value = Ticker\_out

Price\_Change = Stock\_close - Stock\_open

Cells(j, 10) = Price\_Change

'If the stock opens with 0 then the percentage wont occur this if statmente covers that and the natural situations of opening over 0

If Stock\_open <= 0 Then

Per\_change = 0

ElseIf Stock\_open > 0 Then

Per\_change = Price\_Change / Stock\_open

End If

Cells(j, 11) = Per\_change

Cells(j, 12) = Stock\_vol

'This will cover the cover changes with the stock by color coding

If Price\_Change >= 0 Then

Cells(j, 10).Interior.ColorIndex = 4

ElseIf Price\_Change < 0 Then

Cells(j, 10).Interior.ColorIndex = 3

End If

Stock\_open = Cells(I, 3).Value

Stock\_close = Cells(I, 6).Value

Price\_Change = Stock\_close - Stock\_open

If Stock\_open <= 0 Then

Per\_change = 0

ElseIf Stock\_open > 0 Then

Per\_change = Price\_Change / Stock\_open

End If

Stock\_vol = Cells(I, 7).Value

j = j + 1

Ticker\_out = Cells(I, 1).Value

ElseIf Ticker\_change = Ticker\_out Then

Stock\_close = Cells(I, 6).Value

Stock\_vol = Stock\_vol + Cells(I, 7).Value

End If

Next I

End Sub