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Excel VBA Code

Sub main()

Dim xSh As Worksheet

Application.ScreenUpdating = False

For Each xSh In Worksheets

xSh.Select

Call calculate

Call Beatify

Next

'Application.ScreenUpdating

End Sub

Sub Beatify()

Cells(1, 9).Value = "ticker"

'Inserting new column for yearly change'

Cells(1, 10).Value = "year change"

'Inserting new column for percent change'

Cells(1, 11).Value = "percentage change"

'Inserting new column for total stock volume'

Cells(1, 12).Value = "stock volume"

End Sub

Sub calculate()

'For j = 1 To Worksheets.Count'

'Worksheets(j).Activate

' If ActiveSheet.Index = Worksheets.Count Then

' Worksheets(1).Activate

' Else

' ActiveSheet.Next.Activate

' End If

lastRow = ActiveSheet.UsedRange.Rows.Count

Dim ticker As String

Dim stock\_volume As Double

Dim open\_year As Double

Dim close\_year As Double

Dim year\_change As Double

Dim percentage\_change As Double

Dim total\_volume As Long

Dim ticker\_summary\_row\_number As Integer

'Setting initial variable'

' Loop through worksheets '

ticker = Cells(2, "A").Value

' Setting stock\_volume as double '

stock\_volume = 0

open\_year = 0

close\_year = 0

total\_volume = 0

ticker\_summary\_row\_number = 2

For i = 2 To lastRow

If Cells(i, "A").Value = ticker Then

stock\_volume = stock\_volume + Cells(i, "G").Value

If open\_year = 0 Then open\_year = Cells(i, "C").Value

Else

close\_year = Cells(i - 1, "F").Value

If (open\_year > 0 And close\_year > 0) Then

SaveTickerOutcomeToCells ticker\_summary\_row\_number, ticker, stock\_volume, open\_year, close\_year

ticker\_summary\_row\_number = ticker\_summary\_row\_number + 1

End If

ticker = Cells(i, "A").Value

stock\_volume = Cells(i, "G").Value

open\_year = Cells(i, "C").Value

'Saves ticker outcome results before moving on to the next ticker'

End If

Next i

'Next j

End Sub

Sub SaveTickerOutcomeToCells(ByVal ticker\_summary\_row\_number As Integer, ticker As String, stock\_volume As Double, open\_year As Double, close\_year As Double)

Dim year\_change As Double

Dim percentage\_change As Double

year\_change = close\_year - open\_year

percentage\_change = ((close\_year - open\_year) / open\_year) \* 100

'Inserting new column for ticker'

Cells(ticker\_summary\_row\_number, 9).Value = ticker

'Inserting new column for yearly change'

Cells(ticker\_summary\_row\_number, 10).Value = year\_change

'Inserting new column for percent change'

Cells(ticker\_summary\_row\_number, 11).Value = percentage\_change

'Inserting new column for total stock volume'

Cells(ticker\_summary\_row\_number, 12).Value = stock\_volume

End Sub

Private Sub Worksheet\_SelectionChange(ByVal Target As Range)

End Sub