

General

Stocks

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Sub Stocks()

Dim openv As Double
Dim closev As Double
Dim ychange As Double
Dim pchange As Double
Dim cRow As Long
Dim result As Long
Dim total As Double
Dim ws As Worksheet
Dim max As Double
Dim min As Double

For Each ws In ThisWorkbook.Worksheets
    With ws

        .Range("I1:N1").Value = Array("Ticker", "Close Value", "Open Value", "Yearly Change", "Percentage Change", "Total Stock Volume")

        .Range("P2").Value = "Greatest Increase"
        .Range("P3").Value = "Greatest Decrease"
        .Range("P4").Value = "Greatest Total Stock Volume"
        .Range("Q1").Value = "Ticker"
        .Range("R1").Value = "Value"

        cRow = Cells(Rows.Count, 1).End(xlUp).Row 'https://www.wallstreetmojo.com/vba-row-count/
        result = 2

        For i = 2 To cRow

            If .Cells(i + 1, 1).Value <> .Cells(i, 1).Value Then 'Evaluating next row
                .Cells(result, 9).Value = .Cells(i, 1).Value 'Printing tick
                closev = .Cells(i, 6).Value 'Receiving Close value
                .Cells(result, 10).Value = closev 'prints close value

                result = result + 1
            End If

            If .Cells(i - 1, 1).Value <> .Cells(i, 1).Value Then 'Evaluating previous column

                total = 0

                openv = .Cells(i, 3).Value 'Receiving Opening value
                .Cells(result, 11).Value = openv 'Printing Opening Value

                ychange = .Cells(result, 10).Value - .Cells(result, 11).Value 'Calculating year change
                .Cells(result, 12).Value = ychange 'Print Year Change

                pchange = ychange / openv 'Calculates Percentage Change
                .Cells(result, 13).NumberFormat = "0.00%" 'Adds Format to the percentage https://www.statology.org/vba-percentage-format/
                .Cells(result, 13) = pchange 'Prints the percentage

                If .Cells(result, 12) > 0 Then 'This If creates the color for the Year Change https://www.excel-easy.com/vba/examples/background-colors.html
                    .Cells(result, 12).Interior.ColorIndex = 4
                ElseIf .Cells(result, 12) < 0 Then

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(General) Stocks
If .Cells(i + 1, 1).Value <> .Cells(i, 1).Value Then 'Evaluating next row
.Cells(result, 9).Value = .Cells(i, 1).Value 'Printing tick
closev = .Cells(i, 6).Value 'Receiving Close value
.Cells(result, 10).Value = closev 'prints close value

result = result + 1
End If

If .Cells(i - 1, 1).Value <> .Cells(i, 1).Value Then 'Evaluating previous column

total = 0

openv = .Cells(i, 3).Value 'Receiving Opening value
.Cells(result, 11).Value = openv 'Printing Opening Value

ychange = .Cells(result, 10).Value - .Cells(result, 11).Value 'Calculating year change
.Cells(result, 12).Value = ychange 'Print Year Change

pchange = ychange / openv 'Calculates Percentage Change
.Cells(result, 13).NumberFormat = "0.00%" 'Adds Format to the percentage https://www.statology.org/vba-percentage-format/
.Cells(result, 13) = pchange 'Prints the percentage

    If .Cells(result, 12) > 0 Then 'This If creates the color for the Year Change https://www.excel-easy.com/vba/examples/background-colors.html
        .Cells(result, 12).Interior.ColorIndex = 4
    ElseIf .Cells(result, 12) < 0 Then
        .Cells(result, 12).Interior.ColorIndex = 3
    End If

total = total + .Cells(i, 7).Value 'Calculates total
.Cells(result, 14).Value = total 'Prints total

'Calculates max value in Percentage
max = Application.WorksheetFunction.max(Range("M1:M" & cRow))
.Cells(2, 18).NumberFormat = "0.00%"
.Cells(2, 18).Value = max
'Calculates min value in Percentage
min = Application.WorksheetFunction.min(Range("M1:M" & cRow))
.Cells(3, 18).NumberFormat = "0.00%"
.Cells(3, 18).Value = min
'Calculates max value in Total Stock Volume
max = Application.WorksheetFunction.max(Range("N1:N" & cRow))
.Cells(4, 18).NumberFormat = "General"
.Cells(4, 18).Value = max

End If

Next i

End With
Next ws

End Sub
```



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Autoguardado

Multiple_year_stock_data

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L4-0,32

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	<ticker>	<date>	<open>	<high>	<low>	<close>	<vol>		Ticker	Close Value	Open Value	Yearly Change	Percentage Change	Total Stock Volume											
2	AAB	20180102	24,44	24,56	24,44	24,47	261879		AAB	21,32	24,44	-3,12	-12,77%	261879		Greatest Increase		94,42%							
3	AAB	20180103	24,45	24,45	24,22	24,28	15721045		AAF	5,47	5,91	-0,44	-7,45%	1592817		Greatest Decrease		-100,00%							
4	AAB	20180104	24,27	24,36	24,27	24,28	5954		AAR	1,55	1,87	-0,32	-17,11%	22267		Greatest Total Stock Volume		3,07178E+11							
5	AAB	20180105	24,24	24,33	24,22	24,33	58161100		AAT	17,89	12,56	5,33	42,44%	627											
6	AAB	20180108	24,28	24,72	24,28	24,72	267347		ABJ	42,92	42,72	0,2	0,47%	193580											
7	AAB	20180109	24,73	24,73	24,64	24,64	1129348		ABK	35,18	33,57	1,61	4,80%	1929											
8	AAB	20180110	24,62	24,78	24,57	24,68	5453423		ABKV	21,41	19,19	2,22	11,57%	2099748											
9	AAB	20180111	24,68	24,85	24,68	24,85	14391		ABM	7,79	8,95	-1,16	-12,96%	113760											
10	AAB	20180112	24,86	24,86	24,71	24,86	13701		ACJ	14,83	15,4	-0,57	-3,70%	54126											
11	AAB	20180116	24,85	24,93	24,79	24,79	101867		ACYQ	44,63	42,59	2,04	4,79%	1848954											
12	AAB	20180117	24,81	24,85	24,68	24,69	515155		ADB	26,36	28,76	-2,4	-8,34%	163618											
13	AAB	20180118	24,67	24,86	24,67	24,86	657377		ADF	13,5	13,14	0,36	2,74%	9469374											
14	AAB	20180119	24,89	24,93	24,71	24,71	1106987		AEL	47,97	45,64	2,33	5,11%	428085											
15	AAB	20180122	24,66	24,9	24,66	24,85	1418811		AEV	26,61	23,82	2,79	11,71%	509											
16	AAB	20180123	24,87	24,94	24,8	24,84	52744		AEY	1,07	1,15	-0,08	-6,96%	36643											
17	AAB	20180124	24,83	24,83	24,56	24,56	3545845		AFZ	13,29	12,94	0,35	2,70%	34461											
18	AAB	20180125	24,58	24,66	24,54	24,66	3119820		AGF	60,64	62,17	-1,53	-2,46%	3102477											
19	AAB	20180126	24,71	24,8	24,67	24,67	190060		AGJ	6,02	6,19	-0,17	-2,75%	3784											
20	AAB	20180129	24,67	24,7	24,62	24,68	594904		AGM	6,97	7,18	-0,21	-2,92%	8951											
21	AAB	20180130	24,59	24,64	24,53	24,56	2373		AHAO	11,62	11,78	-0,16	-1,36%	21319634											
22	AAB	20180131	24,53	24,53	24,41	24,47	134187		AHB	25,48	30,26	-4,78	-15,80%	378096											
23	AAB	20180201	24,48	24,66	24,48	24,66	372501		AIC	149,09	120,64	28,45	23,58%	9799535											
24	AAB	20180202	24,65	24,65	24,54	24,58	5314		AIQ	11,92	11,72	0,2	1,71%	3085											
25	AAB	20180205	24,55	24,6	24,2	24,2	336163		AIQF	2,13	2,12	0,01	0,47%	3254											
26	AAB	20180206	24,25	24,43	24,24	24,36	7973461		AIQK	23,2	18,3	4,9	26,78%	17561915											
27	AAB	20180207	24,37	24,49	24,37	24,49	230014		AJA	2,69	2,21	0,48	21,72%	157952											
28	AAB	20180208	24,46	24,46	24,28	24,28	641540		AJJ	106,99	106,3	0,69	0,65%	1569											
29	AAB	20180209	24,4	24,45	24,23	24,29	21786910		AJK	9,53	7,41	2,12	28,61%	1665											
30	AAB	20180212	24,31	24,31	24,02	24,05	50989		AJL	13,09	12,94	0,15	1,16%	242492											
31	AAB	20180213	24	24	23,93	23,97	63617		AJR	18,64	18,55	0,09	0,49%	44851											
32	AAB	20180214	24,02	24,07	23,89	23,91	1745		AJS	23,08	17,88	5,2	29,08%	1197881											
33	AAB	20180215	23,9	23,93	23,85	23,88	20257		AKKV	8,1	8,24	-0,14	-1,70%	520478											
34	AAB	20180216	23,89	23,89	23,82	23,86	3673		AKUC	39,14	42,58	-3,44	-8,08%	99919											
35	AAB	20180220	23,87	23,87	23,77	23,77	944		ALZY	26,59	22,96	3,63	15,81%	114254											
36	AAB	20180221	23,73	23,83	23,73	23,83	72620		AMEW	31,9	35,74	-3,84	-10,74%	555											
37	AAB	20180222	23,77	23,93	23,77	23,93	22611665		AMX	47,25	46,13	1,12	2,43%	27454											

201820192020+

Accesibilidad: es necesario investigar

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