

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function Addins

Source

Console

Terminal

Background Jobs

R 4.2.2 - ~/Downloads
downloaded 1.5 MB

```
package 'colorspace' successfully unpacked and MD5 sums checked
package 'bit' successfully unpacked and MD5 sums checked
package 'prettyunits' successfully unpacked and MD5 sums checked
package 'farver' successfully unpacked and MD5 sums checked
package 'labeling' successfully unpacked and MD5 sums checked
package 'munsell' successfully unpacked and MD5 sums checked
package 'RcolorBrewer' successfully unpacked and MD5 sums checked
package 'viridisLite' successfully unpacked and MD5 sums checked
package 'fansi' successfully unpacked and MD5 sums checked
package 'pkgconfig' successfully unpacked and MD5 sums checked
package 'ellipsis' successfully unpacked and MD5 sums checked
package 'bit64' successfully unpacked and MD5 sums checked
package 'progress' successfully unpacked and MD5 sums checked
package 'utf8' successfully unpacked and MD5 sums checked
package 'cli' successfully unpacked and MD5 sums checked
package 'glue' successfully unpacked and MD5 sums checked
package 'gtable' successfully unpacked and MD5 sums checked
package 'isoband' successfully unpacked and MD5 sums checked
package 'lifecycle' successfully unpacked and MD5 sums checked
package 'rlang' successfully unpacked and MD5 sums checked
package 'scales' successfully unpacked and MD5 sums checked
package 'tibble' successfully unpacked and MD5 sums checked
package 'vctrs' successfully unpacked and MD5 sums checked
package 'withr' successfully unpacked and MD5 sums checked
package 'clipr' successfully unpacked and MD5 sums checked
package 'crayon' successfully unpacked and MD5 sums checked
package 'hms' successfully unpacked and MD5 sums checked
package 'R6' successfully unpacked and MD5 sums checked
package 'vroom' successfully unpacked and MD5 sums checked
package 'cpp11' successfully unpacked and MD5 sums checked
package 'tzdb' successfully unpacked and MD5 sums checked
package 'generics' successfully unpacked and MD5 sums checked
package 'magrittr' successfully unpacked and MD5 sums checked
package 'pillar' successfully unpacked and MD5 sums checked
package 'tidyselect' successfully unpacked and MD5 sums checked
package 'ggplot2' successfully unpacked and MD5 sums checked
package 'mangoTraining' successfully unpacked and MD5 sums checked
package 'data.table' successfully unpacked and MD5 sums checked
package 'readr' successfully unpacked and MD5 sums checked
package 'dplyr' successfully unpacked and MD5 sums checked
```

The downloaded binary packages are in

C:\Users\Allen\AppData\Local\Temp\Rtmp0wi6Gc\downloaded_packages

> #Christian Allen A.Belonio BSIT 3-5

> system.file(package = "mangoTraining", "extdata/dji.csv")

[1] "C:/Applications2/r/r/R-4.2.2/library/mangoTraining/extdata/dji.csv"

> djiData <- read.table('C:/Applications2/r/r/R-4.2.2/library/mangoTraining/extdata/dji.csv', header = TRUE, sep = ",")

> djiData

	Date	DJI.Open	DJI.High	DJI.Low	DJI.Close	DJI.Volume	DJI.Adj.Close
1	12/31/2014	17987.66	18043.22	17820.88	17823.07	82840000	17823.07
2	12/30/2014	18035.02	18035.02	17959.70	17983.07	47490000	17983.07

Environment

History

Connections

Tutorial

Import Dataset

156 MiB

R Global Environment

Data

djiData	252 obs. of 7 variables
djiDatum	252 obs. of 7 variables
x	num [1:3, 1:4] 7 4 10 2 3 8 9 1 5 6 ...

Values

aVector	num [1:12] 4 5 2 7 6 1 5 5 0 4 ...
avector2	num [1:10] 7 4 10 2 3 8 9 1 5 6
avector3	num [1:10] 5 6 10 7 8 2 3 1 4 9
numericvector	num [1:8] 2 6 8 4 2 9 4 0
numericvector2	num [1:6] 3 5 7 10 13 9
z	num [1:3, 1:4, 1:3] 5 6 10 7 8 2 3 1 4 9 ...

Files

Plots

Packages

Help

Viewer

Presentation

Install

Update

Name	Description	Version
System Library		
<input checked="" type="checkbox"/> base	The R Base Package	4.2.2
<input type="checkbox"/> bit	Classes and Methods for Fast Memory-Efficient Boolean Selections	4.0.5
<input type="checkbox"/> bit64	A S3 Class for Vectors of 64bit Integers	4.0.5
<input type="checkbox"/> boot	Bootstrap Functions (Originally by Angelo Canty for S)	1.3-28
<input type="checkbox"/> class	Functions for Classification	7.3-20
<input type="checkbox"/> cli	Helpers for Developing Command Line Interfaces	3.6.0
<input type="checkbox"/> clipr	Read and Write from the System Clipboard	0.8.0
<input type="checkbox"/> cluster	"Finding Groups in Data": Cluster Analysis Extended Rousseeuw et al.	2.1.4
<input type="checkbox"/> codetools	Code Analysis Tools for R	0.2-18
<input type="checkbox"/> colorspace	A Toolbox for Manipulating and Assessing Colors and Palettes	2.1-0
<input type="checkbox"/> compiler	The R Compiler Package	4.2.2
<input type="checkbox"/> cpp11	A C++11 Interface for R's C Interface	0.4.3
<input type="checkbox"/> crayon	Colored Terminal Output	1.5.2
<input type="checkbox"/> data.table	Extension of 'data.frame'	1.14.6
<input checked="" type="checkbox"/> datasets	The R Datasets Package	4.2.2
<input type="checkbox"/> dplyr	A Grammar of Data Manipulation	1.1.0
<input type="checkbox"/> ellipsis	Tools for Working with ...	0.3.2
<input type="checkbox"/> fansi	ANSI Control Sequence Aware String Functions	1.0.4
<input type="checkbox"/> farver	High Performance Colour Space Manipulation	2.1.1
<input type="checkbox"/> foreign	Read Data Stored by 'Minitab', 'S', 'SAS', 'SPSS', 'Stata', 'Systat', 'Weka', 'dBase', ...	0.8-83
<input type="checkbox"/> generics	Common S3 Generics not Provided by Base R Methods Related to Model Fitting	0.1.3
<input type="checkbox"/> ggplot2	Create Elegant Data Visualisations Using the Grammar of	3.4.1



8:54 AM

2/17/2023

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Source

Console Terminal Background Jobs

```
R 4.2.2 ~ /  
101 08/08/2014 16369.68 16556.59 16364.22 16553.93 82420000 16553.93  
102 08/07/2014 16448.29 16504.35 16333.78 16368.27 80430000 16368.27  
103 08/06/2014 16425.10 16490.70 16372.32 16443.34 78600000 16443.34  
104 08/05/2014 16559.97 16559.97 16369.55 16429.47 76630000 16429.47  
105 08/04/2014 16493.72 16596.22 16447.20 16569.28 76260000 16569.28  
106 08/01/2014 16561.70 16584.75 16437.07 16493.37 84860000 16493.37  
107 07/31/2014 16869.63 16869.63 16563.30 16563.30 101670000 16563.30  
108 07/30/2014 16920.11 16983.94 16817.16 16880.36 77750000 16880.36  
109 07/29/2014 16984.33 17056.46 16912.11 16912.11 75980000 16912.11  
110 07/28/2014 16956.91 17001.38 16877.72 16982.59 66190000 16982.59  
111 07/25/2014 17079.50 17082.33 16915.65 16960.57 67290000 16960.57  
112 07/24/2014 17092.02 17119.83 17061.07 17083.80 66390000 17083.80  
113 07/23/2014 17117.01 17121.05 17058.05 17086.63 73440000 17086.63  
114 07/22/2014 17054.97 17133.43 17040.13 17113.54 77960000 17113.54  
115 07/21/2014 17095.11 17095.11 16974.34 17051.73 67590000 17051.73  
116 07/18/2014 16978.16 17113.51 16977.52 17100.18 112530000 17100.18  
117 07/17/2014 17133.45 17151.56 16966.19 16976.81 99240000 16976.81  
118 07/16/2014 17061.91 17139.35 17061.91 17138.20 111500000 17138.20  
119 07/15/2014 17055.03 17120.34 17006.39 17060.68 101730000 17060.68  
120 07/14/2014 16950.93 17088.43 16950.93 17055.42 60570000 17055.42  
121 07/11/2014 16918.31 16949.46 16860.30 16943.81 61000000 16943.81  
122 07/10/2014 16980.35 16980.35 16805.38 16915.07 67510000 16915.07  
123 07/09/2014 16916.83 16998.95 16913.81 16985.61 67120000 16985.61  
124 07/08/2014 17022.09 17022.09 16874.79 16906.62 75250000 16906.62  
125 07/07/2014 17063.83 17063.83 16992.45 17024.21 61480000 17024.21  
126 07/03/2014 16979.00 17074.65 16979.00 17068.26 66800000 17068.26  
127 07/02/2014 16949.71 16986.63 16949.71 16976.24 57840000 16976.24  
128 07/01/2014 16828.53 16998.70 16828.53 16956.07 74050000 16956.07  
129 06/30/2014 16852.49 16871.27 16801.94 16826.60 90360000 16826.60  
130 06/27/2014 16846.90 16862.73 16773.84 16851.84 137690000 16851.84  
131 06/26/2014 16866.81 16872.52 16746.09 16846.13 63650000 16846.13  
132 06/25/2014 16817.68 16883.54 16799.41 16867.51 73920000 16867.51  
133 06/24/2014 16934.62 16969.70 16805.23 16818.13 80220000 16818.13  
134 06/23/2014 16946.50 16954.27 16896.09 16937.26 63640000 16937.26  
135 06/20/2014 16920.62 16978.02 16920.62 16947.08 247350000 16947.08  
136 06/19/2014 16909.90 16923.43 16858.88 16921.46 80220000 16921.46  
137 06/18/2014 16806.12 16911.41 16755.29 16906.62 73720000 16906.62  
138 06/17/2014 16779.21 16823.55 16732.91 16808.49 63530000 16808.49  
139 06/16/2014 16765.56 16802.14 16722.86 16781.01 77900000 16781.01  
140 06/13/2014 16734.64 16787.89 16718.60 16775.74 95220000 16775.74  
141 06/12/2014 16840.48 16841.57 16703.73 16734.19 72560000 16734.19  
142 06/11/2014 16943.16 16943.16 16821.85 16843.88 61860000 16843.88  
[ reached 'max' / getOption("max.print") -- omitted 110 rows ]  
> djiDatum <- read.csv('G:/Applications2/r/r/R-4.2.2/library/mangoTraining/extdata/dji.csv', header = TRUE, sep = ",")  
> head(djiDatum, 3)  
      Date DJI.Open DJI.High DJI.Low DJI.Close DJI.Volume DJI.Adj.Close  
1 12/31/2014 17987.66 18043.22 17820.88 17823.07 82840000 17823.07  
2 12/30/2014 18035.02 18035.02 17959.70 17983.07 47490000 17983.07  
3 12/29/2014 18046.58 18073.04 18021.57 18038.23 53870000 18038.23  
> write.csv(airquality, "airquality.csv", row.names = FALSE)  
> #Christian Allen A. Belonio BSIT 3-5  
> |
```

Environment History Connections Tutorial

R Global Environment

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AutoSave OFF dji

Search

Belonio, Christian Allen (Student) BC

File Home Insert Page Layout Formulas Data Review View Automate Help

Comments Share

Undo Paste Cut Copy Format Painter Clipboard Font Alignment Number Styles Cells Editing Analysis

Calibri 11 A A Wrap Text Merge & Center

General

Normal Bad Good Neutral

Insert Delete Format

AutoSum Fill Clear

Sort & Filter Find & Select

Analyze Data

N8

	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	Date	DJI.Open	DJI.High	DJI.Low	DJI.Close	DJI.Volum	DJI.Adj.Close																		
2	12/31/2014	17987.66	18043.22	17820.88	17823.07	82840000	17823.07																		
3	12/30/2014	18035.02	18035.02	17959.7	17983.07	47490000	17983.07																		
4	12/29/2014	18046.58	18073.04	18021.57	18038.23	53870000	18038.23																		
5	12/26/2014	18038.3	18103.45	18038.3	18053.71	52570000	18053.71																		
6	12/24/2014	18035.73	18086.24	18027.78	18030.21	42870000	18030.21																		
7	12/23/2014	17971.51	18069.22	17970.16	18024.17	82890000	18024.17																		
8	12/22/2014	17812.25	17962.78	17812.25	17959.44	98460000	17959.44																		
9	12/19/2014	17778.02	17874.03	17746.55	17804.8	3.44E+08	17804.8																		
10	12/18/2014	17367.85	17778.4	17367.85	17778.15	1.24E+08	17778.15																		
11	12/17/2014	17069.16	17389.3	17069.16	17356.87	1.18E+08	17356.87																		
12	12/16/2014	17173.07	17427.44	17067.59	17068.87	1.17E+08	17068.87																		
13	12/15/2014	17285.74	17403.54	17115.28	17180.84	1.14E+08	17180.84																		
14	12/12/2014	17590.05	17590.05	17280.83	17280.83	1.22E+08	17280.83																		
15	12/11/2014	17534.3	17758.51	17534.3	17596.34	90100000	17596.34																		
16	12/10/2014	17797.99	17797.99	17508.1	17533.15	1.15E+08	17533.15																		
17	12/9/2014	17847.37	17847.37	17629.57	17801.2	1E+08	17801.2																		
18	12/8/2014	17954.94	17960.56	17804.28	17852.48	88681100	17852.48																		
19	12/5/2014	17903.05	17991.19	17903.05	17958.79	79110000	17958.79																		
20	12/4/2014	17910.02	17937.96	17814.81	17900.1	76270000	17900.1																		
21	12/3/2014	17880.9	17924.15	17855.59	17912.62	99400000	17912.62																		
22	12/2/2014	17778.85	17897.05	17778.85	17879.55	81970000	17879.55																		
23	12/1/2014	17827.27	17827.27	17726.55	17776.8	86390000	17776.8																		
24	11/28/2014	17830.55	17893.42	17807.78	17828.24	80470000	17828.24																		
25	11/26/2014	17812.25	17833.76	17791.16	17827.75	67450000	17827.75																		
26	11/25/2014	17819.05	17854.73	17790.89	17814.94	88190000	17814.94																		
27	11/24/2014	17812.63	17855.27	17793.19	17817.9	85510000	17817.9																		
28	11/21/2014	17721.02	17894.83	17721.02	17810.06	1.41E+08	17810.06																		
29	11/20/2014	17677.32	17720.44	17603.89	17719	77740000	17719																		
30	11/19/2014	17685.51	17712.26	17624.5	17685.73	73780000	17685.73																		
31	11/18/2014	17643.09	17735.71	17642.03	17687.82	87420000	17687.82																		
32	11/17/2014	17631.85	17675.07	17606.81	17647.75	70330000	17647.75																		
33	11/14/2014	17653.11	17664.15	17613.2	17634.74	72850000	17634.74																		
34	11/13/2014	17618.69	17705.48	17583.88	17652.79	80540000	17652.79																		

dji

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