Review 1: BigFive

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Aim: To Explore BigFive Dataset

Setup

```
bigfive <- read.csv('/Users/shivaditya/Downloads/big five stocks.csv')</pre>
library("tidyverse")
## -- Attaching packages -----
                                               ----- tidyverse 1.3.1 --
## v ggplot2 3.3.5 v purrr
                               0.3.4
## v tibble 3.1.3 v dplyr 1.0.7
## v tidyr 1.1.3 v stringr 1.4.0
          2.0.1 v forcats 0.5.1
## v readr
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()
                    masks stats::lag()
library('dplyr')
library(psych)
##
## Attaching package: 'psych'
## The following objects are masked from 'package:ggplot2':
##
##
      %+%, alpha
library(vcd)
## Loading required package: grid
```

Dataset Description

```
#Name of the Dataset Big Five
#Description of the fields
```

str(bigfive)

```
## 'data.frame': 41660 obs. of 7 variables:
## $ X : chr "1971-02-05" "1971-02-08" "1971-02-09" "1971-02-10" ...
## $ name : chr "^IXIC" "^IXIC" "^IXIC" ...
## $ open : num 100 101 101 101 ...
```

```
## $ close : num 100 101 101 101 101 ...
## $ high : num 100 101 101 101 101 ...
## $ low : num 100 101 101 101 101 ...
## $ volume: num 0 0 0 0 0 0 0 0 0 ...
```

Name indicates the name of the stock. The open column denotes the opening value of the stock on a particular day. The closing column denotes the closing price of the particular stock on given day.

#Check For missing values

```
which(is.na(bigfive))

## integer(0)

#Basic commands to describe dataset
```

1. Daily return of Each stock

```
bigfive <- mutate(bigfive, Return = 100*(close-lag(close))/lag(close) )
bigfive</pre>
```

```
##
                   Х
                      name
                               open
                                       close
                                                 high
                                                           low
                                                                 volume
                                                                                 Return
## 1
         1971-02-05 ^IXIC
                             100.00
                                      100.00
                                               100.00
                                                       100.00
                                                                       0
                                                                                     ΝA
## 2
         1971-02-08 ^IXIC
                             100.84
                                      100.84
                                               100.84
                                                       100.84
                                                                       0
                                                                          8.400000e-01
         1971-02-09 ^IXIC
## 3
                             100.76
                                      100.76
                                               100.76
                                                                       0 -7.933360e-02
                                                       100.76
## 4
         1971-02-10 ^IXIC
                             100.69
                                      100.69
                                               100.69
                                                                       0
                                                                         -6.947201e-02
                                                       100.69
## 5
         1971-02-11 ^IXIC
                             101.45
                                      101.45
                                               101.45
                                                       101.45
                                                                          7.547919e-01
## 6
         1971-02-12 ^IXIC
                             102.05
                                      102.05
                                               102.05
                                                       102.05
                                                                       0
                                                                          5.914243e-01
         1971-02-16 ^IXIC
##
  7
                             102.19
                                      102.19
                                               102.19
                                                       102.19
                                                                          1.371877e-01
## 8
         1971-02-17 ^IXIC
                             101.74
                                      101.74
                                               101.74
                                                                         -4.403562e-01
                                                       101.74
                                                                       0
## 9
         1971-02-18 ^IXIC
                             101.42
                                      101.42
                                               101.42
                                                       101.42
                                                                        -3.145272e-01
         1971-02-19 ^IXIC
                             100.70
                                      100.70
                                               100.70
                                                                        -7.099191e-01
## 10
                                                       100.70
## 11
         1971-02-22 ^IXIC
                              99.68
                                       99.68
                                                99.68
                                                        99.68
                                                                         -1.012910e+00
## 12
         1971-02-23 ^IXIC
                              99.72
                                       99.72
                                                99.72
                                                        99.72
                                                                       0
                                                                          4.012841e-02
##
         1971-02-24 ^IXIC
                                      100.64
                                               100.64
                                                                          9.225832e-01
  13
                             100.64
                                                       100.64
         1971-02-25 ^IXIC
                             101.23
                                               101.23
##
  14
                                      101.23
                                                       101.23
                                                                       0
                                                                          5.862480e-01
##
  15
         1971-02-26 ^IXIC
                             101.34
                                      101.34
                                               101.34
                                                                          1.086634e-01
                                                       101.34
                                                                       0
##
  16
         1971-03-01 ^IXIC
                             101.78
                                      101.78
                                               101.78
                                                                       0
                                                                          4.341820e-01
                                                       101.78
## 17
         1971-03-02 ^IXIC
                             101.84
                                      101.84
                                               101.84
                                                       101.84
                                                                          5.895068e-02
         1971-03-03 ^IXIC
                             102.07
                                               102.07
## 18
                                      102.07
                                                       102.07
                                                                       0
                                                                          2.258445e-01
##
  19
         1971-03-04 ^IXIC
                             102.78
                                      102.78
                                               102.78
                                                       102.78
                                                                       0
                                                                          6.956011e-01
##
  20
                             103.00
                                      103.00
                                               103.00
                                                                       0
         1971-03-05 ^IXIC
                                                       103.00
                                                                          2.140494e-01
##
  21
         1971-03-08 ^IXIC
                             104.23
                                      104.23
                                               104.23
                                                       104.23
                                                                       0
                                                                          1.194175e+00
         1971-03-09 ^IXIC
##
   22
                             104.41
                                      104.41
                                               104.41
                                                       104.41
                                                                       0
                                                                          1.726950e-01
##
  23
         1971-03-10 ^IXIC
                             104.14
                                      104.14
                                               104.14
                                                       104.14
                                                                       0
                                                                         -2.585959e-01
## 24
                             104.26
         1971-03-11 ^IXIC
                                      104.26
                                               104.26
                                                       104.26
                                                                          1.152295e-01
## 25
         1971-03-12 ^IXIC
                             104.50
                                      104.50
                                               104.50
                                                                       0
                                                                          2.301937e-01
                                                       104.50
                     ^IXIC
                                               105.13
## 26
         1971-03-15
                             105.13
                                      105.13
                                                       105.13
                                                                          6.028708e-01
                             105.56
## 27
         1971-03-16 ^IXIC
                                      105.56
                                               105.56
                                                       105.56
                                                                       0
                                                                          4.090174e-01
##
  28
         1971-03-17 ^IXIC
                             105.50
                                      105.50
                                               105.50
                                                       105.50
                                                                         -5.683971e-02
##
  29
         1971-03-18 ^IXIC
                             105.88
                                               105.88
                                                                          3.601896e-01
                                      105.88
                                                       105.88
##
  30
         1971-03-19 ^IXIC
                             105.77
                                      105.77
                                               105.77
                                                                         -1.038912e-01
                                                       105.77
##
  31
         1971-03-22 ^IXIC
                             105.37
                                      105.37
                                               105.37
                                                                       0 -3.781791e-01
                                                       105.37
## 32
         1971-03-23 ^IXIC
                             105.11
                                      105.11
                                               105.11
                                                       105.11
                                                                       0 -2.467495e-01
         1971-03-24 ^IXIC
                             104.70
                                      104.70
                                               104.70
                                                                       0 -3.900675e-01
## 33
                                                       104.70
         1971-03-25 ^IXIC
## 34
                             104.60
                                      104.60
                                               104.60
                                                       104.60
                                                                       0 -9.551098e-02
```

```
## 35
         1971-03-26 ^IXIC
                            105.07
                                     105.07
                                              105.07
                                                       105.07
                                                                         4.493308e-01
                            105.20
                                     105.20
                                              105.20
##
  36
         1971-03-29 ^IXIC
                                                       105.20
                                                                      0
                                                                         1.237270e-01
         1971-03-30 ^IXIC
                                     105.44
                                                                         2.281369e-01
##
   37
                             105.44
                                              105.44
                                                       105.44
                                                                      0
         1971-03-31 ^IXIC
  38
                             105.97
                                     105.97
                                              105.97
                                                                      0
                                                                         5.026555e-01
##
                                                       105.97
##
   39
         1971-04-01 ^IXIC
                             106.34
                                     106.34
                                              106.34
                                                       106.34
                                                                      0
                                                                         3.491554e-01
                             106.86
                                              106.86
##
   40
         1971-04-02 ^IXIC
                                     106.86
                                                       106.86
                                                                      0
                                                                         4.889976e-01
##
  41
         1971-04-05 ^IXIC
                             107.17
                                     107.17
                                              107.17
                                                       107.17
                                                                      0
                                                                         2.900992e-01
         1971-04-06 ^IXIC
## 42
                             107.56
                                     107.56
                                              107.56
                                                       107.56
                                                                      0
                                                                         3.639078e-01
##
   43
         1971-04-07 ^IXIC
                             108.06
                                     108.06
                                              108.06
                                                       108.06
                                                                      0
                                                                         4.648568e-01
##
   44
         1971-04-08 ^IXIC
                             108.38
                                     108.38
                                              108.38
                                                       108.38
                                                                      0
                                                                         2.961318e-01
##
  45
         1971-04-12 ^IXIC
                             108.87
                                     108.87
                                              108.87
                                                       108.87
                                                                      0
                                                                         4.521129e-01
         1971-04-13 ^IXIC
##
   46
                             108.85
                                     108.85
                                              108.85
                                                      108.85
                                                                      0
                                                                        -1.837053e-02
##
   47
         1971-04-14 ^IXIC
                             109.08
                                     109.08
                                              109.08
                                                       109.08
                                                                      0
                                                                         2.113000e-01
##
   48
         1971-04-15 ^IXIC
                             109.69
                                     109.69
                                              109.69
                                                       109.69
                                                                      0
                                                                         5.592226e-01
         1971-04-16 ^IXIC
                             109.96
                                              109.96
                                                                         2.461482e-01
##
  49
                                     109.96
                                                       109.96
                                                                      0
##
   50
         1971-04-19 ^IXIC
                             110.16
                                     110.16
                                              110.16
                                                       110.16
                                                                      0
                                                                         1.818843e-01
                                              109.53
##
  51
         1971-04-20 ^IXIC
                             109.53
                                     109.53
                                                       109.53
                                                                      0
                                                                        -5.718954e-01
  52
         1971-04-21 ^IXIC
                             109.52
                                     109.52
                                              109.52
                                                                      0
                                                                        -9.129919e-03
##
                                                       109.52
                             109.99
         1971-04-22 ^IXIC
                                                                         4.291454e-01
##
  53
                                     109.99
                                              109.99
                                                      109.99
                                                                      0
##
  54
         1971-04-23 ^IXIC
                             110.69
                                     110.69
                                              110.69
                                                       110.69
                                                                      0
                                                                         6.364215e-01
##
  55
         1971-04-26 ^IXIC
                             111.13
                                     111.13
                                              111.13
                                                       111.13
                                                                      0
                                                                         3.975065e-01
                                                                         5.039143e-01
##
  56
         1971-04-27 ^IXIC
                             111.69
                                     111.69
                                              111.69
                                                       111.69
                                                                      0
         1971-04-28 ^IXIC
                             112.37
                                              112.37
## 57
                                     112.37
                                                       112.37
                                                                      0
                                                                         6.088280e-01
##
   58
         1971-04-29 ^IXIC
                            112.46
                                     112.46
                                              112.46
                                                       112.46
                                                                      0
                                                                         8.009255e-02
##
  59
         1971-04-30 ^IXIC
                             112.30
                                     112.30
                                              112.30
                                                      112.30
                                                                      0
                                                                        -1.422728e-01
##
  60
         1971-05-03 ^IXIC
                             111.35
                                     111.35
                                              111.35
                                                      111.35
                                                                      0
                                                                       -8.459484e-01
         1971-05-04 ^IXIC
                             111.77
                                     111.77
                                              111.77
                                                                         3.771890e-01
##
   61
                                                       111.77
                                                                      0
##
   62
         1971-05-05 ^IXIC
                             111.68
                                     111.68
                                              111.68
                                                      111.68
                                                                      0 -8.052250e-02
                             111.06
                                     111.06
                                              111.06
                                                                      0 -5.551576e-01
##
   63
         1971-05-06 ^IXIC
                                                      111.06
                                                      110.66
##
  64
         1971-05-07 ^IXIC
                             110.66
                                     110.66
                                              110.66
                                                                      0 -3.601657e-01
##
   65
         1971-05-10 ^IXIC
                             110.15
                                     110.15
                                              110.15
                                                       110.15
                                                                      0
                                                                        -4.608711e-01
##
   66
         1971-05-11 ^IXIC
                             110.33
                                     110.33
                                              110.33
                                                       110.33
                                                                      0
                                                                         1.634135e-01
##
   67
         1971-05-12 ^IXIC
                             110.37
                                     110.37
                                              110.37
                                                       110.37
                                                                      0
                                                                         3.625487e-02
         1971-05-13 ^IXIC
                             110.55
##
  68
                                     110.55
                                              110.55
                                                      110.55
                                                                      0
                                                                         1.630878e-01
   69
         1971-05-14 ^IXIC
                             110.74
                                     110.74
                                              110.74
                                                                         1.718679e-01
##
                                                       110.74
                                                                      0
                             109.15
                                              109.15
##
  70
         1971-05-17 ^IXIC
                                     109.15
                                                       109.15
                                                                      0
                                                                       -1.435796e+00
##
  71
         1971-05-18 ^IXIC
                             108.40
                                     108.40
                                              108.40
                                                       108.40
                                                                        -6.871278e-01
## 72
         1971-05-19 ^IXIC
                             108.33
                                     108.33
                                              108.33
                                                       108.33
                                                                      0
                                                                        -6.457565e-02
         1971-05-20 ^IXIC
                             108.72
                                     108.72
                                              108.72
                                                       108.72
                                                                         3.600111e-01
##
  73
                                                                      0
                             108.85
                                     108.85
                                              108.85
##
  74
         1971-05-21 ^IXIC
                                                       108.85
                                                                      0
                                                                         1.195732e-01
##
  75
         1971-05-24 ^IXIC
                             108.42
                                     108.42
                                              108.42
                                                      108.42
                                                                        -3.950390e-01
         1971-05-25 ^IXIC
                             107.50
                                     107.50
                                              107.50
                                                                        -8.485519e-01
##
  76
                                                      107.50
                                                                      0
##
   77
         1971-05-26 ^IXIC
                             107.53
                                     107.53
                                              107.53
                                                      107.53
                                                                      0
                                                                         2.790698e-02
##
                             107.60
                                     107.60
                                              107.60
                                                                      0
                                                                         6.509811e-02
  78
         1971-05-27 ^IXIC
                                                      107.60
##
  79
         1971-05-28 ^IXIC
                             108.25
                                     108.25
                                              108.25
                                                       108.25
                                                                      0
                                                                         6.040892e-01
         1971-06-01 ^IXIC
                             108.87
                                              108.87
                                                                      0
                                                                         5.727483e-01
##
  80
                                     108.87
                                                       108.87
##
  81
         1971-06-02 ^IXIC
                             109.56
                                     109.56
                                              109.56
                                                       109.56
                                                                      0
                                                                         6.337834e-01
##
  82
         1971-06-03 ^IXIC
                             110.22
                                     110.22
                                              110.22
                                                       110.22
                                                                      0
                                                                         6.024096e-01
##
  83
         1971-06-04 ^IXIC
                             110.66
                                     110.66
                                              110.66
                                                      110.66
                                                                      0
                                                                         3.992016e-01
##
   84
         1971-06-07 ^IXIC
                             110.76
                                     110.76
                                              110.76
                                                      110.76
                                                                      0
                                                                         9.036689e-02
                                              110.02
##
   85
         1971-06-08 ^IXIC
                             110.02
                                     110.02
                                                      110.02
                                                                      0
                                                                        -6.681112e-01
##
  86
         1971-06-09 ^IXIC
                             109.79
                                     109.79
                                              109.79
                                                       109.79
                                                                      0
                                                                       -2.090529e-01
## 87
         1971-06-10 ^IXIC
                            110.06
                                     110.06
                                              110.06
                                                      110.06
                                                                      0
                                                                         2.459240e-01
## 88
         1971-06-11 ^IXIC
                            110.20
                                     110.20
                                              110.20
                                                                      0
                                                                         1.272033e-01
                                                      110.20
```

```
## 89
         1971-06-14 ^IXIC 109.57
                                     109.57
                                              109.57
                                                      109.57
                                                                     0 -5.716878e-01
                            109.36
                                              109.36
## 90
         1971-06-15 ^IXIC
                                     109.36
                                                      109.36
                                                                     0 -1.916583e-01
         1971-06-16 ^IXIC
                                     109.44
##
  91
                            109.44
                                              109.44
                                                      109.44
                                                                        7.315289e-02
         1971-06-17 ^IXIC
                            109.44
                                     109.44
                                              109.44
                                                                     0
                                                                         0.000000e+00
##
  92
                                                      109.44
##
   93
         1971-06-18 ^IXIC
                            108.16
                                     108.16
                                              108.16
                                                      108.16
                                                                     0
                                                                       -1.169591e+00
                            106.50
                                              106.50
##
  94
         1971-06-21 ^IXIC
                                     106.50
                                                      106.50
                                                                     0
                                                                       -1.534763e+00
##
  95
         1971-06-22 ^IXIC
                            105.49
                                     105.49
                                              105.49
                                                      105.49
                                                                     0
                                                                       -9.483568e-01
         1971-06-23 ^IXIC
## 96
                            105.99
                                     105.99
                                              105.99
                                                      105.99
                                                                     0
                                                                         4.739786e-01
##
  97
         1971-06-24 ^IXIC
                            106.37
                                     106.37
                                              106.37
                                                      106.37
                                                                     0
                                                                         3.585244e-01
##
  98
         1971-06-25 ^IXIC
                            106.56
                                     106.56
                                              106.56
                                                      106.56
                                                                     0
                                                                         1.786218e-01
##
  99
         1971-06-28 ^IXIC
                            106.45
                                     106.45
                                              106.45
                                                      106.45
                                                                     0
                                                                       -1.032282e-01
         1971-06-29 ^IXIC
                            107.22
                                              107.22
                                                                        7.233443e-01
##
  100
                                     107.22
                                                      107.22
                                                                     0
##
  101
         1971-06-30 ^IXIC
                            107.80
                                     107.80
                                              107.80
                                                      107.80
                                                                     0
                                                                         5.409439e-01
                                                                         6.215213e-01
##
  102
         1971-07-01 ^IXIC
                            108.47
                                     108.47
                                              108.47
                                                      108.47
                                                                     0
## 103
         1971-07-02 ^IXIC
                            108.77
                                     108.77
                                              108.77
                                                                     0
                                                                         2.765742e-01
                                                      108.77
## 104
         1971-07-06 ^IXIC
                            109.23
                                     109.23
                                              109.23
                                                      109.23
                                                                     0
                                                                         4.229107e-01
                            110.01
                                                                     0
## 105
         1971-07-07 ^IXIC
                                     110.01
                                              110.01
                                                      110.01
                                                                        7.140895e-01
  106
         1971-07-08 ^IXIC
                            110.42
                                     110.42
                                              110.42
                                                                     0
                                                                        3.726934e-01
                                                      110.42
         1971-07-09 ^IXIC
                            110.91
                                                                        4.437602e-01
## 107
                                     110.91
                                              110.91
                                                      110.91
                                                                     0
##
  108
         1971-07-12 ^IXIC
                            111.24
                                     111.24
                                              111.24
                                                      111.24
                                                                     0
                                                                         2.975385e-01
## 109
         1971-07-13 ^IXIC
                            110.76
                                     110.76
                                              110.76
                                                      110.76
                                                                     0
                                                                       -4.314995e-01
                            110.34
                                              110.34
                                                                       -3.791983e-01
## 110
         1971-07-14 ^IXIC
                                     110.34
                                                      110.34
         1971-07-15 ^IXIC
                            110.72
                                              110.72
## 111
                                     110.72
                                                      110.72
                                                                     0
                                                                        3.443901e-01
                                              109.98
## 112
         1971-07-16 ^IXIC
                            109.98
                                     109.98
                                                      109.98
                                                                     0
                                                                       -6.683526e-01
## 113
         1971-07-19 ^IXIC
                            109.37
                                     109.37
                                              109.37
                                                      109.37
                                                                     0
                                                                       -5.546463e-01
## 114
         1971-07-20 ^IXIC
                            109.79
                                     109.79
                                              109.79
                                                      109.79
                                                                     0
                                                                        3.840176e-01
         1971-07-21 ^IXIC
                            109.74
                                     109.74
                                              109.74
                                                                     0 -4.554149e-02
## 115
                                                      109.74
## 116
         1971-07-22 ^IXIC
                            109.54
                                     109.54
                                              109.54
                                                      109.54
                                                                     0 -1.822490e-01
                            109.63
                                     109.63
                                              109.63
                                                                        8.216177e-02
## 117
         1971-07-23 ^IXIC
                                                      109.63
                                                                     0
## 118
         1971-07-26 ^IXIC
                            109.35
                                     109.35
                                              109.35
                                                                     0 -2.554045e-01
                                                      109.35
## 119
         1971-07-27 ^IXIC
                            108.57
                                     108.57
                                              108.57
                                                      108.57
                                                                     0 -7.133059e-01
## 120
         1971-07-28 ^IXIC
                            107.45
                                     107.45
                                              107.45
                                                      107.45
                                                                     0 -1.031593e+00
## 121
         1971-07-29 ^IXIC
                            105.81
                                     105.81
                                              105.81
                                                      105.81
                                                                     0 -1.526291e+00
## 122
         1971-07-30 ^IXIC
                            105.27
                                     105.27
                                              105.27
                                                      105.27
                                                                     0 -5.103487e-01
  123
         1971-08-02 ^IXIC
                            105.59
                                     105.59
                                              105.59
                                                      105.59
                                                                         3.039802e-01
##
                                                                     0
                            104.41
                                              104.41
## 124
         1971-08-03 ^IXIC
                                     104.41
                                                      104.41
                                                                     0 -1.117530e+00
## 125
         1971-08-04 ^IXIC
                            103.26
                                     103.26
                                              103.26
                                                      103.26
                                                                     0 -1.101427e+00
## 126
         1971-08-05 ^IXIC
                            103.11
                                     103.11
                                              103.11
                                                      103.11
                                                                     0
                                                                       -1.452644e-01
         1971-08-06 ^IXIC
                            103.78
                                     103.78
                                              103.78
                                                      103.78
                                                                         6.497915e-01
## 127
                                                                     0
## 128
                            103.18
         1971-08-09 ^IXIC
                                     103.18
                                              103.18
                                                      103.18
                                                                     0
                                                                       -5.781461e-01
##
  129
         1971-08-10 ^IXIC
                            103.04
                                     103.04
                                              103.04
                                                      103.04
                                                                     0
                                                                       -1.356852e-01
         1971-08-11 ^IXIC
                            104.08
                                     104.08
                                              104.08
                                                                        1.009317e+00
## 130
                                                      104.08
                                                                     0
##
  131
         1971-08-12 ^IXIC
                            105.21
                                     105.21
                                              105.21
                                                      105.21
                                                                     0
                                                                        1.085703e+00
## 132
                            105.44
                                     105.44
                                              105.44
                                                                     0
         1971-08-13 ^IXIC
                                                      105.44
                                                                        2.186104e-01
## 133
         1971-08-16 ^IXIC
                            107.86
                                     107.86
                                              107.86
                                                      107.86
                                                                     0
                                                                         2.295144e+00
         1971-08-17 ^IXIC
                            108.93
                                     108.93
                                              108.93
                                                                     0
                                                                         9.920267e-01
## 134
                                                      108.93
## 135
         1971-08-18 ^IXIC
                            108.39
                                     108.39
                                              108.39
                                                      108.39
                                                                     0
                                                                       -4.957312e-01
## 136
         1971-08-19 ^IXIC
                            108.01
                                     108.01
                                              108.01
                                                      108.01
                                                                     0
                                                                       -3.505858e-01
                                     107.89
                                              107.89
## 137
         1971-08-20 ^IXIC
                            107.89
                                                      107.89
                                                                     0
                                                                       -1.111008e-01
##
   138
         1971-08-23 ^IXIC
                            108.26
                                     108.26
                                              108.26
                                                      108.26
                                                                     0
                                                                         3.429419e-01
  139
##
         1971-08-24 ^IXIC
                            108.60
                                     108.60
                                              108.60
                                                      108.60
                                                                     0
                                                                        3.140587e-01
## 140
         1971-08-25 ^IXIC
                            108.85
                                     108.85
                                              108.85
                                                      108.85
                                                                     0
                                                                        2.302026e-01
         1971-08-26 ^IXIC
## 141
                            108.97
                                     108.97
                                              108.97
                                                                     0
                                                                         1.102435e-01
                                                      108.97
## 142
         1971-08-27 ^IXIC
                            109.30
                                     109.30
                                              109.30
                                                      109.30
                                                                     0
                                                                        3.028356e-01
```

```
## 143
         1971-08-30 ^IXIC 108.71
                                     108.71
                                             108.71
                                                      108.71
                                                                     0 -5.397987e-01
                            108.42
                                             108.42
## 144
         1971-08-31 ^IXIC
                                     108.42
                                                      108.42
                                                                     0 -2.667648e-01
                                     108.65
                                              108.65
## 145
         1971-09-01 ^IXIC
                            108.65
                                                      108.65
                                                                        2.121380e-01
                            108.96
## 146
         1971-09-02 ^IXIC
                                     108.96
                                             108.96
                                                                     0
                                                                        2.853198e-01
                                                      108.96
##
  147
         1971-09-03 ^IXIC
                            109.98
                                     109.98
                                             109.98
                                                      109.98
                                                                     0
                                                                        9.361233e-01
                            110.53
                                             110.53
                                                      110.53
## 148
         1971-09-07 ^IXIC
                                     110.53
                                                                     0
                                                                        5.000909e-01
## 149
         1971-09-08 ^IXIC
                            110.58
                                     110.58
                                             110.58
                                                      110.58
                                                                     0
                                                                        4.523659e-02
         1971-09-09 ^IXIC
## 150
                            110.55
                                     110.55
                                             110.55
                                                      110.55
                                                                     0 -2.712968e-02
##
  151
         1971-09-10 ^IXIC
                            110.42
                                     110.42
                                             110.42
                                                      110.42
                                                                     0 -1.175938e-01
## 152
         1971-09-13 ^IXIC
                            110.22
                                     110.22
                                              110.22
                                                      110.22
                                                                     0 -1.811266e-01
## 153
         1971-09-14 ^IXIC
                            109.77
                                     109.77
                                             109.77
                                                      109.77
                                                                     0 -4.082744e-01
         1971-09-15 ^IXIC
                            109.79
                                             109.79
## 154
                                     109.79
                                                      109.79
                                                                     0
                                                                        1.821991e-02
##
  155
         1971-09-16 ^IXIC
                            109.78
                                     109.78
                                             109.78
                                                      109.78
                                                                     0 -9.108298e-03
         1971-09-17 ^IXIC
                                                                        2.914921e-01
## 156
                            110.10
                                     110.10
                                              110.10
                                                      110.10
                                                                     0
## 157
         1971-09-20 ^IXIC
                            109.99
                                             109.99
                                                                     0 -9.990917e-02
                                     109.99
                                                      109.99
##
  158
         1971-09-21 ^IXIC
                            109.82
                                     109.82
                                              109.82
                                                      109.82
                                                                     0 -1.545595e-01
## 159
         1971-09-22 ^IXIC
                            108.99
                                     108.99
                                              108.99
                                                      108.99
                                                                     0 -7.557822e-01
  160
         1971-09-23 ^IXIC
                            108.80
                                     108.80
                                              108.80
                                                      108.80
                                                                     0 -1.743279e-01
##
         1971-09-24 ^IXIC
                            108.88
## 161
                                     108.88
                                             108.88
                                                      108.88
                                                                     0
                                                                        7.352941e-02
##
  162
         1971-09-27 ^IXIC
                            108.18
                                     108.18
                                              108.18
                                                      108.18
                                                                     0
                                                                       -6.429096e-01
## 163
         1971-09-28 ^IXIC
                            108.38
                                     108.38
                                              108.38
                                                      108.38
                                                                     0
                                                                        1.848771e-01
                            108.60
                                              108.60
                                                                        2.029895e-01
## 164
         1971-09-29 ^IXIC
                                     108.60
                                                      108.60
                                                                     0
         1971-09-30 ^IXIC
                                             109.03
                            109.03
                                                                        3.959484e-01
## 165
                                     109.03
                                                      109.03
                                                                     0
                            109.58
##
  166
         1971-10-01 ^IXIC
                                     109.58
                                             109.58
                                                      109.58
                                                                     0
                                                                        5.044483e-01
## 167
         1971-10-04 ^IXIC
                            109.96
                                     109.96
                                             109.96
                                                      109.96
                                                                     0
                                                                        3.467786e-01
##
  168
         1971-10-05 ^IXIC
                            109.99
                                     109.99
                                             109.99
                                                      109.99
                                                                     0
                                                                        2.728265e-02
  169
         1971-10-06 ^IXIC
                            110.68
                                             110.68
                                                                        6.273298e-01
##
                                     110.68
                                                      110.68
                                                                     0
##
  170
         1971-10-07 ^IXIC
                            110.98
                                     110.98
                                             110.98
                                                      110.98
                                                                     0
                                                                        2.710517e-01
                            110.74
                                             110.74
## 171
         1971-10-08 ^IXIC
                                     110.74
                                                      110.74
                                                                     0 -2.162552e-01
## 172
         1971-10-11 ^IXIC
                            110.71
                                     110.71
                                             110.71
                                                      110.71
                                                                     0 -2.709048e-02
## 173
         1971-10-12 ^IXIC
                            110.91
                                     110.91
                                              110.91
                                                      110.91
                                                                     0
                                                                        1.806522e-01
## 174
         1971-10-13 ^IXIC
                            110.69
                                     110.69
                                              110.69
                                                      110.69
                                                                     0 -1.983590e-01
## 175
         1971-10-14 ^IXIC
                            109.87
                                     109.87
                                              109.87
                                                      109.87
                                                                     0 -7.408077e-01
                                                                     0 -2.457450e-01
         1971-10-15 ^IXIC
                            109.60
## 176
                                     109.60
                                             109.60
                                                      109.60
  177
         1971-10-18 ^IXIC
                            109.06
                                     109.06
                                              109.06
                                                                       -4.927007e-01
##
                                                      109.06
                                                                     0
                            107.99
                                             107.99
## 178
         1971-10-19 ^IXIC
                                     107.99
                                                      107.99
                                                                     0 -9.811113e-01
## 179
         1971-10-20 ^IXIC
                            106.58
                                     106.58
                                              106.58
                                                      106.58
                                                                     0 -1.305676e+00
         1971-10-21 ^IXIC
## 180
                            106.61
                                     106.61
                                              106.61
                                                                     0
                                                                        2.814787e-02
                                                      106.61
         1971-10-22 ^IXIC
                            106.80
                                     106.80
                                              106.80
                                                                        1.782197e-01
##
  181
                                                      106.80
                                                                     0
         1971-10-25 ^IXIC
                            106.29
## 182
                                     106.29
                                              106.29
                                                      106.29
                                                                     0 -4.775281e-01
         1971-10-26 ^IXIC
##
  183
                            105.69
                                     105.69
                                             105.69
                                                      105.69
                                                                       -5.644934e-01
         1971-10-27 ^IXIC
                            104.28
                                             104.28
                                                                     0 -1.334090e+00
##
  184
                                     104.28
                                                      104.28
##
  185
         1971-10-28 ^IXIC
                            104.50
                                     104.50
                                             104.50
                                                      104.50
                                                                     0
                                                                        2.109705e-01
         1971-10-29 ^IXIC
                            105.10
                                     105.10
                                             105.10
##
   186
                                                      105.10
                                                                     0
                                                                        5.741627e-01
## 187
         1971-11-01 ^IXIC
                            103.69
                                     103.69
                                             103.69
                                                      103.69
                                                                     0 -1.341579e+00
         1971-11-02 ^IXIC
## 188
                            103.54
                                             103.54
                                                                     0 -1.446620e-01
                                     103.54
                                                      103.54
## 189
         1971-11-03 ^IXIC
                            105.01
                                     105.01
                                             105.01
                                                      105.01
                                                                     0
                                                                        1.419741e+00
## 190
         1971-11-04 ^IXIC
                            105.56
                                     105.56
                                             105.56
                                                      105.56
                                                                     0
                                                                        5.237596e-01
                                             105.46
## 191
         1971-11-05 ^IXIC
                            105.46
                                     105.46
                                                      105.46
                                                                     0 -9.473285e-02
##
  192
         1971-11-08 ^IXIC
                            105.43
                                     105.43
                                              105.43
                                                      105.43
                                                                     0
                                                                       -2.844680e-02
                            105.72
                                              105.72
## 193
         1971-11-09 ^IXIC
                                     105.72
                                                      105.72
                                                                     0
                                                                        2.750640e-01
## 194
         1971-11-10 ^IXIC
                            104.86
                                     104.86
                                             104.86
                                                      104.86
                                                                     0 -8.134695e-01
## 195
         1971-11-11 ^IXIC
                            103.74
                                     103.74
                                             103.74
                                                                     0 -1.068091e+00
                                                      103.74
## 196
         1971-11-12 ^IXIC
                           103.91
                                     103.91
                                             103.91 103.91
                                                                     0
                                                                        1.638712e-01
```

```
## 197
         1971-11-15 ^IXIC 103.44
                                    103.44 103.44 103.44
                                                                     0 -4.523145e-01
## 198
                            103.71
                                     103.71
                                             103.71
         1971-11-16 ^IXIC
                                                      103.71
                                                                     0
                                                                        2.610209e-01
         1971-11-17 ^IXIC
                                     103.64
##
  199
                            103.64
                                             103.64
                                                      103.64
                                                                     0 -6.749590e-02
         1971-11-18 ^IXIC
  200
                            103.44
                                     103.44
                                             103.44
                                                      103.44
                                                                     0 -1.929757e-01
##
##
  201
         1971-11-19 ^IXIC
                            102.95
                                     102.95
                                             102.95
                                                      102.95
                                                                     0
                                                                       -4.737046e-01
  202
##
         1971-11-22 ^IXIC
                            101.79
                                     101.79
                                             101.79
                                                      101.79
                                                                     0 -1.126761e+00
## 203
         1971-11-23 ^IXIC
                            100.31
                                     100.31
                                             100.31
                                                      100.31
                                                                     0
                                                                       -1.453974e+00
         1971-11-24 ^IXIC
                                                                        8.972186e-02
## 204
                            100.40
                                     100.40
                                             100.40
                                                      100.40
                                                                     0
##
  205
         1971-11-26 ^IXIC
                            101.64
                                     101.64
                                             101.64
                                                      101.64
                                                                     0
                                                                        1.235060e+00
##
  206
         1971-11-29 ^IXIC
                            103.08
                                     103.08
                                             103.08
                                                      103.08
                                                                     0
                                                                        1.416765e+00
  207
         1971-11-30 ^IXIC
                            103.97
                                     103.97
                                             103.97
                                                      103.97
                                                                     0
                                                                        8.634071e-01
         1971-12-01 ^IXIC
  208
                            105.00
##
                                     105.00
                                             105.00
                                                      105.00
                                                                     0
                                                                        9.906704e-01
##
  209
         1971-12-02 ^IXIC
                            106.15
                                     106.15
                                             106.15
                                                      106.15
                                                                     0
                                                                        1.095238e+00
## 210
         1971-12-03 ^IXIC
                            107.26
                                     107.26
                                             107.26
                                                      107.26
                                                                     0
                                                                        1.045690e+00
         1971-12-06 ^IXIC
## 211
                            106.92
                                             106.92
                                     106.92
                                                      106.92
                                                                     0
                                                                       -3.169868e-01
## 212
         1971-12-07 ^IXIC
                            107.26
                                     107.26
                                             107.26
                                                      107.26
                                                                     0
                                                                        3.179948e-01
## 213
         1971-12-08 ^IXIC
                            107.71
                                     107.71
                                             107.71
                                                      107.71
                                                                     0
                                                                        4.195413e-01
## 214
         1971-12-09 ^IXIC
                            107.97
                                     107.97
                                             107.97
                                                                     0
                                                                        2.413889e-01
                                                      107.97
         1971-12-10 ^IXIC
                            108.81
                                             108.81
## 215
                                     108.81
                                                      108.81
                                                                     0
                                                                        7.779939e-01
## 216
         1971-12-13 ^IXIC
                            109.16
                                     109.16
                                             109.16
                                                      109.16
                                                                     0
                                                                        3.216616e-01
## 217
         1971-12-14 ^IXIC
                            109.07
                                     109.07
                                             109.07
                                                      109.07
                                                                     0
                                                                       -8.244778e-02
                            109.45
                                             109.45
                                                                        3.484001e-01
## 218
         1971-12-15 ^IXIC
                                     109.45
                                                      109.45
                                                                     0
         1971-12-16 ^IXIC
                            110.01
                                     110.01
                                             110.01
## 219
                                                      110.01
                                                                     0
                                                                        5.116492e-01
## 220
         1971-12-17 ^IXIC
                            110.52
                                     110.52
                                             110.52
                                                      110.52
                                                                     0
                                                                        4.635942e-01
## 221
         1971-12-20 ^IXIC
                            111.50
                                     111.50
                                             111.50
                                                      111.50
                                                                     0
                                                                        8.867173e-01
  222
         1971-12-21 ^IXIC
                            111.73
                                     111.73
                                             111.73
                                                      111.73
                                                                     0
                                                                        2.062780e-01
  223
         1971-12-22 ^IXIC
                            111.97
                                             111.97
                                                                        2.148035e-01
##
                                     111.97
                                                      111.97
                                                                     0
##
  224
         1971-12-23 ^IXIC
                            111.94
                                     111.94
                                             111.94
                                                      111.94
                                                                     0 -2.679289e-02
## 225
                            111.70
         1971-12-27 ^IXIC
                                     111.70
                                             111.70
                                                      111.70
                                                                     0 -2.144006e-01
## 226
         1971-12-28 ^IXIC
                            111.93
                                     111.93
                                             111.93
                                                                     0
                                                                        2.059087e-01
                                                      111.93
         1971-12-29 ^IXIC
## 227
                            112.57
                                     112.57
                                             112.57
                                                      112.57
                                                                     0
                                                                        5.717859e-01
##
  228
         1971-12-30 ^IXIC
                            112.97
                                     112.97
                                             112.97
                                                      112.97
                                                                     0
                                                                        3.553345e-01
##
   229
         1971-12-31 ^IXIC
                            114.12
                                     114.12
                                             114.12
                                                      114.12
                                                                     0
                                                                        1.017969e+00
  230
         1972-01-03 ^IXIC
##
                            113.65
                                     113.65
                                             113.65
                                                      113.65
                                                                     0
                                                                       -4.118472e-01
   231
         1972-01-04 ^IXIC
                            113.93
                                     113.93
                                             113.93
                                                                     0
                                                                        2.463704e-01
##
                                                      113.93
## 232
                            114.83
         1972-01-05 ^IXIC
                                     114.83
                                             114.83
                                                      114.83
                                                                     0
                                                                        7.899587e-01
## 233
         1972-01-06 ^IXIC
                            115.72
                                     115.72
                                             115.72
                                                      115.72
                                                                     0
                                                                        7.750588e-01
## 234
         1972-01-07 ^IXIC
                            116.05
                                     116.05
                                             116.05
                                                                     0
                                                                        2.851711e-01
                                                      116.05
  235
         1972-01-10 ^IXIC
                            116.10
                                     116.10
                                             116.10
                                                                        4.308488e-02
##
                                                      116.10
                                                                     0
  236
         1972-01-11 ^IXIC
                            116.64
                                                                     0
##
                                     116.64
                                             116.64
                                                      116.64
                                                                        4.651163e-01
         1972-01-12 ^IXIC
  237
                            116.90
                                     116.90
                                             116.90
                                                      116.90
                                                                     0
                                                                        2.229081e-01
  238
         1972-01-13 ^IXIC
                            116.42
                                     116.42
                                             116.42
                                                                     0 -4.106074e-01
##
                                                      116.42
##
  239
         1972-01-14 ^IXIC
                            116.74
                                     116.74
                                             116.74
                                                      116.74
                                                                     0
                                                                        2.748669e-01
##
  240
         1972-01-17 ^IXIC
                            116.93
                                     116.93
                                             116.93
                                                                     0
                                                                        1.627548e-01
                                                      116.93
## 241
         1972-01-18 ^IXIC
                            117.66
                                     117.66
                                             117.66
                                                      117.66
                                                                     0
                                                                        6.243051e-01
         1972-01-19 ^IXIC
## 242
                            117.45
                                     117.45
                                             117.45
                                                      117.45
                                                                     0 -1.784804e-01
## 243
         1972-01-20 ^IXIC
                            117.32
                                     117.32
                                             117.32
                                                      117.32
                                                                     0 -1.106854e-01
## 244
         1972-01-21 ^IXIC
                            117.21
                                     117.21
                                             117.21
                                                      117.21
                                                                     0 -9.376065e-02
## 245
         1972-01-24 ^IXIC
                            116.49
                                     116.49
                                             116.49
                                                      116.49
                                                                     0 -6.142821e-01
         1972-01-25 ^IXIC
##
  246
                            116.30
                                     116.30
                                             116.30
                                                      116.30
                                                                     0
                                                                       -1.631041e-01
                            116.39
                                     116.39
##
  247
         1972-01-26 ^IXIC
                                             116.39
                                                      116.39
                                                                     0
                                                                        7.738607e-02
## 248
         1972-01-27 ^IXIC
                            117.37
                                     117.37
                                             117.37
                                                      117.37
                                                                     0
                                                                        8.419967e-01
## 249
         1972-01-28 ^IXIC
                            118.44
                                     118.44
                                             118.44
                                                                     0
                                                                        9.116469e-01
                                                      118.44
## 250
         1972-01-31 ^IXIC
                           118.87
                                     118.87
                                             118.87 118.87
                                                                     0
                                                                        3.630530e-01
```

```
## 251
         1972-02-01 ^IXIC 119.58
                                   119.58 119.58 119.58
                                                                        5.972912e-01
                            120.47
                                             120.47
##
  252
         1972-02-02 ^IXIC
                                     120.47
                                                      120.47
                                                                     0
                                                                        7.442716e-01
         1972-02-03 ^IXIC
                            120.66
                                     120.66
                                             120.66
##
  253
                                                      120.66
                                                                        1.577156e-01
  254
         1972-02-04 ^IXIC
                            121.24
                                     121.24
                                             121.24
                                                                        4.806895e-01
##
                                                      121.24
                                                                     0
##
   255
         1972-02-07 ^IXIC
                            121.14
                                     121.14
                                             121.14
                                                      121.14
                                                                     0
                                                                       -8.248103e-02
##
  256
                            121.35
                                             121.35
         1972-02-08 ^IXIC
                                     121.35
                                                      121.35
                                                                     0
                                                                        1.733531e-01
##
  257
         1972-02-09 ^IXIC
                            122.16
                                     122.16
                                             122.16
                                                      122.16
                                                                     0
                                                                        6.674907e-01
         1972-02-10 ^IXIC
##
  258
                            122.71
                                     122.71
                                             122.71
                                                      122.71
                                                                     0
                                                                        4.502292e-01
##
   259
         1972-02-11 ^IXIC
                            122.86
                                     122.86
                                             122.86
                                                      122.86
                                                                     0
                                                                        1.222394e-01
##
  260
         1972-02-14 ^IXIC
                            122.26
                                     122.26
                                             122.26
                                                      122.26
                                                                     0
                                                                       -4.883607e-01
##
  261
         1972-02-15 ^IXIC
                            122.61
                                     122.61
                                             122.61
                                                      122.61
                                                                     0
                                                                        2.862752e-01
         1972-02-16 ^IXIC
                            123.35
##
  262
                                     123.35
                                             123.35
                                                      123.35
                                                                     0
                                                                        6.035397e-01
##
  263
         1972-02-17 ^IXIC
                            123.44
                                     123.44
                                             123.44
                                                                     0
                                                                        7.296311e-02
                                                      123.44
                            123.40
                                             123.40
##
  264
         1972-02-18 ^IXIC
                                     123.40
                                                      123.40
                                                                     0 -3.240441e-02
## 265
         1972-02-22 ^IXIC
                            123.30
                                     123.30
                                             123.30
                                                                     0 -8.103728e-02
                                                      123.30
##
   266
         1972-02-23 ^IXIC
                            123.61
                                     123.61
                                             123.61
                                                      123.61
                                                                     0
                                                                        2.514193e-01
##
  267
         1972-02-24 ^IXIC
                            124.00
                                     124.00
                                             124.00
                                                      124.00
                                                                     0
                                                                        3.155085e-01
   268
         1972-02-25 ^IXIC
                            124.83
                                     124.83
                                             124.83
                                                                        6.693548e-01
##
                                                      124.83
         1972-02-28 ^IXIC
                            124.94
##
  269
                                     124.94
                                             124.94
                                                      124.94
                                                                     0
                                                                        8.811984e-02
##
  270
         1972-02-29 ^IXIC
                            125.38
                                     125.38
                                             125.38
                                                      125.38
                                                                     0
                                                                        3.521690e-01
## 271
         1972-03-01 ^IXIC
                            126.29
                                     126.29
                                             126.29
                                                      126.29
                                                                     0
                                                                        7.257936e-01
                            126.58
                                             126.58
## 272
         1972-03-02 ^IXIC
                                     126.58
                                                      126.58
                                                                     0
                                                                        2.296302e-01
         1972-03-03 ^IXIC
                                             127.19
## 273
                            127.19
                                     127.19
                                                      127.19
                                                                     0
                                                                        4.819087e-01
##
  274
         1972-03-06 ^IXIC
                            127.88
                                     127.88
                                             127.88
                                                      127.88
                                                                     0
                                                                        5.424955e-01
## 275
         1972-03-07 ^IXIC
                            127.83
                                     127.83
                                             127.83
                                                      127.83
                                                                     0
                                                                      -3.909916e-02
  276
         1972-03-08 ^IXIC
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                                     128.40
                                             128.40
                                                      128.40
                                                                     0
                                                                        4.459047e-01
  277
         1972-03-09 ^IXIC
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                                             128.85
                                                                        3.504673e-01
##
                                     128.85
                                                      128.85
                                                                     0
##
  278
         1972-03-10 ^IXIC
                            128.55
                                     128.55
                                             128.55
                                                      128.55
                                                                     0 -2.328289e-01
                            127.34
## 279
         1972-03-13 ^IXIC
                                     127.34
                                             127.34
                                                      127.34
                                                                     0 -9.412680e-01
##
  280
         1972-03-14 ^IXIC
                            127.73
                                     127.73
                                             127.73
                                                      127.73
                                                                     0
                                                                        3.062667e-01
##
  281
         1972-03-15 ^IXIC
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                                     128.14
                                             128.14
                                                      128.14
                                                                     0
                                                                        3.209896e-01
##
  282
         1972-03-16 ^IXIC
                            127.77
                                     127.77
                                             127.77
                                                      127.77
                                                                     0 -2.887467e-01
##
   283
         1972-03-17 ^IXIC
                            128.01
                                     128.01
                                             128.01
                                                      128.01
                                                                     0
                                                                        1.878375e-01
         1972-03-20 ^IXIC
##
  284
                            127.53
                                     127.53
                                             127.53
                                                      127.53
                                                                     0 -3.749707e-01
   285
         1972-03-21 ^IXIC
                            125.73
                                     125.73
                                             125.73
                                                                       -1.411433e+00
##
                                                      125.73
                                                                     0
                            126.36
  286
##
         1972-03-22 ^IXIC
                                     126.36
                                             126.36
                                                      126.36
                                                                     0
                                                                        5.010737e-01
##
  287
         1972-03-23 ^IXIC
                            127.38
                                     127.38
                                             127.38
                                                      127.38
                                                                        8.072175e-01
  288
         1972-03-24 ^IXIC
                            127.55
                                     127.55
                                             127.55
                                                                        1.334589e-01
##
                                                      127.55
                                                                     0
                            127.56
                                     127.56
                                             127.56
##
   289
         1972-03-27 ^IXIC
                                                      127.56
                                                                     0
                                                                        7.840063e-03
                                     127.72
##
  290
         1972-03-28 ^IXIC
                            127.72
                                             127.72
                                                      127.72
                                                                     0
                                                                        1.254312e-01
  291
         1972-03-29 ^IXIC
                            127.53
                                     127.53
                                             127.53
                                                      127.53
                                                                     0
                                                                      -1.487629e-01
  292
         1972-03-30 ^IXIC
                            128.14
                                     128.14
                                             128.14
                                                                        4.783188e-01
##
                                                      128.14
                                                                     0
##
  293
         1972-04-03 ^IXIC
                            128.06
                                     128.06
                                             128.06
                                                      128.06
                                                                     0 -6.243172e-02
         1972-04-04 ^IXIC
                            128.78
                                     128.78
                                             128.78
                                                                        5.622365e-01
##
  294
                                                      128.78
                                                                     0
##
  295
         1972-04-05 ^IXIC
                            130.00
                                     130.00
                                             130.00
                                                      130.00
                                                                     0
                                                                        9.473521e-01
         1972-04-06 ^IXIC
  296
                            130.92
                                             130.92
                                                                        7.076923e-01
##
                                     130.92
                                                      130.92
                                                                     0
## 297
         1972-04-07 ^IXIC
                            131.80
                                     131.80
                                             131.80
                                                      131.80
                                                                     0
                                                                        6.721662e-01
##
  298
         1972-04-10 ^IXIC
                            131.76
                                     131.76
                                             131.76
                                                      131.76
                                                                     0
                                                                       -3.034901e-02
##
  299
         1972-04-11 ^IXIC
                            132.47
                                     132.47
                                             132.47
                                                      132.47
                                                                     0
                                                                        5.388585e-01
##
   300
         1972-04-12 ^IXIC
                            133.17
                                     133.17
                                             133.17
                                                      133.17
                                                                     0
                                                                        5.284215e-01
                            133.06
##
   301
         1972-04-13 ^IXIC
                                     133.06
                                             133.06
                                                      133.06
                                                                     0 -8.260119e-02
## 302
         1972-04-14 ^IXIC
                            133.88
                                     133.88
                                             133.88
                                                      133.88
                                                                     0
                                                                        6.162633e-01
## 303
         1972-04-17 ^IXIC
                            133.74
                                     133.74
                                             133.74
                                                                     0 -1.045713e-01
                                                      133.74
## 304
         1972-04-18 ^IXIC
                           134.10
                                     134.10
                                             134.10 134.10
                                                                     0
                                                                        2.691790e-01
```

```
## 305
         1972-04-19 ^IXIC 132.68
                                     132.68
                                              132.68
                                                      132.68
                                                                      0 -1.058911e+00
                            132.86
                                              132.86
##
  306
         1972-04-20 ^IXIC
                                     132.86
                                                      132.86
                                                                      0
                                                                         1.356648e-01
##
   307
         1972-04-21 ^IXIC
                             133.01
                                     133.01
                                              133.01
                                                       133.01
                                                                         1.129008e-01
  308
         1972-04-24 ^IXIC
                             131.90
                                     131.90
                                              131.90
                                                                       -8.345237e-01
##
                                                       131.90
                                                                      0
##
   309
         1972-04-25
                     ^IXIC
                             130.84
                                     130.84
                                              130.84
                                                       130.84
                                                                      0
                                                                        -8.036391e-01
                             130.92
                                              130.92
##
  310
         1972-04-26 ^IXIC
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                                                       130.92
                                                                      0
                                                                         6.114338e-02
##
  311
         1972-04-27 ^IXIC
                             131.01
                                     131.01
                                              131.01
                                                       131.01
                                                                      0
                                                                         6.874427e-02
         1972-04-28 ^IXIC
## 312
                             131.33
                                     131.33
                                              131.33
                                                       131.33
                                                                      0
                                                                         2.442562e-01
##
   313
         1972-05-01 ^IXIC
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                                     130.16
                                              130.16
                                                       130.16
                                                                      0
                                                                        -8.908856e-01
##
  314
         1972-05-02 ^IXIC
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                                     129.34
                                              129.34
                                                       129.34
                                                                      0
                                                                       -6.299939e-01
##
  315
         1972-05-03 ^IXIC
                             128.77
                                     128.77
                                              128.77
                                                       128.77
                                                                      0
                                                                        -4.406989e-01
         1972-05-04 ^IXIC
##
  316
                             128.92
                                     128.92
                                              128.92
                                                       128.92
                                                                      0
                                                                         1.164868e-01
##
  317
         1972-05-05 ^IXIC
                             129.43
                                     129.43
                                              129.43
                                                                      0
                                                                         3.955942e-01
                                                       129.43
                             128.62
                                     128.62
##
  318
         1972-05-08 ^IXIC
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                                                       128.62
                                                                      0
                                                                       -6.258209e-01
  319
         1972-05-09 ^IXIC
                             125.78
                                     125.78
                                              125.78
                                                                        -2.208055e+00
##
                                                       125.78
                                                                      0
##
   320
         1972-05-10 ^IXIC
                             126.77
                                     126.77
                                              126.77
                                                       126.77
                                                                      0
                                                                         7.870886e-01
##
  321
         1972-05-11 ^IXIC
                             127.95
                                     127.95
                                              127.95
                                                       127.95
                                                                      0
                                                                         9.308196e-01
   322
         1972-05-12 ^IXIC
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                                     129.44
                                              129.44
                                                                      0
                                                                         1.164517e+00
##
                                                       129.44
  323
         1972-05-15 ^IXIC
##
                             130.34
                                     130.34
                                              130.34
                                                       130.34
                                                                      0
                                                                         6.953028e-01
##
   324
         1972-05-16 ^IXIC
                             130.36
                                     130.36
                                              130.36
                                                       130.36
                                                                      0
                                                                         1.534448e-02
##
  325
         1972-05-17 ^IXIC
                             129.76
                                     129.76
                                              129.76
                                                       129.76
                                                                      0
                                                                        -4.602639e-01
  326
                             130.82
                                              130.82
##
         1972-05-18 ^IXIC
                                     130.82
                                                       130.82
                                                                      0
                                                                         8.168927e-01
         1972-05-19 ^IXIC
                             132.16
## 327
                                     132.16
                                              132.16
                                                       132.16
                                                                      0
                                                                         1.024308e+00
                             132.38
##
   328
         1972-05-22 ^IXIC
                                     132.38
                                              132.38
                                                       132.38
                                                                      0
                                                                         1.664649e-01
                                                                         2.568364e-01
##
  329
         1972-05-23 ^IXIC
                             132.72
                                     132.72
                                              132.72
                                                       132.72
                                                                      0
##
   330
         1972-05-24 ^IXIC
                             133.47
                                     133.47
                                              133.47
                                                       133.47
                                                                      0
                                                                         5.650995e-01
   331
         1972-05-25 ^IXIC
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                                              133.80
                                                                         2.472466e-01
##
                                     133.80
                                                       133.80
                                                                      0
##
   332
         1972-05-26 ^IXIC
                             133.95
                                     133.95
                                              133.95
                                                       133.95
                                                                      0
                                                                         1.121076e-01
   333
##
         1972-05-30 ^IXIC
                             133.45
                                     133.45
                                              133.45
                                                       133.45
                                                                      0 -3.732736e-01
##
   334
         1972-05-31 ^IXIC
                             132.53
                                     132.53
                                              132.53
                                                                      0 -6.893968e-01
                                                       132.53
##
  335
         1972-06-01 ^IXIC
                             133.13
                                     133.13
                                              133.13
                                                       133.13
                                                                      0
                                                                         4.527277e-01
##
   336
         1972-06-02 ^IXIC
                             133.52
                                     133.52
                                              133.52
                                                       133.52
                                                                      0
                                                                         2.929467e-01
##
   337
         1972-06-05 ^IXIC
                             132.74
                                     132.74
                                              132.74
                                                                      0 -5.841821e-01
                                                       132.74
  338
         1972-06-06 ^IXIC
                             132.00
##
                                     132.00
                                              132.00
                                                       132.00
                                                                      0 -5.574808e-01
   339
         1972-06-07 ^IXIC
                             131.00
                                     131.00
                                              131.00
                                                                        -7.575758e-01
##
                                                       131.00
                                                                      0
                             131.07
                                                       131.07
##
  340
         1972-06-08 ^IXIC
                                     131.07
                                              131.07
                                                                      0
                                                                         5.343511e-02
##
  341
         1972-06-09 ^IXIC
                             130.57
                                     130.57
                                              130.57
                                                       130.57
                                                                      0 -3.814755e-01
## 342
         1972-06-12 ^IXIC
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                                     130.38
                                              130.38
                                                                      0
                                                                       -1.455158e-01
                                                       130.38
  343
                             130.78
                                     130.78
                                              130.78
                                                       130.78
                                                                         3.067955e-01
##
         1972-06-13 ^IXIC
                                                                      0
##
  344
         1972-06-14 ^IXIC
                             131.45
                                     131.45
                                              131.45
                                                       131.45
                                                                      0
                                                                         5.123108e-01
##
   345
         1972-06-15 ^IXIC
                             131.29
                                     131.29
                                              131.29
                                                       131.29
                                                                      0 -1.217193e-01
         1972-06-16 ^IXIC
                             131.28
                                     131.28
                                              131.28
                                                                      0 -7.616726e-03
##
   346
                                                       131.28
##
   347
         1972-06-19 ^IXIC
                             130.76
                                     130.76
                                              130.76
                                                       130.76
                                                                      0 -3.960999e-01
   348
                             131.07
                                     131.07
                                              131.07
                                                                         2.370756e-01
##
         1972-06-20 ^IXIC
                                                       131.07
                                                                      0
##
   349
         1972-06-21 ^IXIC
                             131.38
                                     131.38
                                              131.38
                                                       131.38
                                                                      0
                                                                         2.365148e-01
         1972-06-22 ^IXIC
                             130.79
                                     130.79
                                              130.79
##
  350
                                                       130.79
                                                                      0
                                                                       -4.490790e-01
##
  351
         1972-06-23 ^IXIC
                             130.22
                                     130.22
                                              130.22
                                                       130.22
                                                                      0
                                                                       -4.358131e-01
##
  352
         1972-06-26 ^IXIC
                             129.31
                                     129.31
                                              129.31
                                                       129.31
                                                                      0 -6.988174e-01
                                     129.79
##
   353
         1972-06-27 ^IXIC
                             129.79
                                              129.79
                                                       129.79
                                                                      0
                                                                         3.712010e-01
##
   354
         1972-06-28 ^IXIC
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                                     129.58
                                              129.58
                                                       129.58
                                                                      0
                                                                        -1.617998e-01
   355
                             129.35
                                              129.35
##
         1972-06-29 ^IXIC
                                     129.35
                                                       129.35
                                                                      0
                                                                       -1.774965e-01
##
  356
         1972-06-30 ^IXIC
                             130.08
                                     130.08
                                              130.08
                                                       130.08
                                                                      0
                                                                         5.643603e-01
         1972-07-03 ^IXIC
## 357
                            130.59
                                     130.59
                                              130.59
                                                                      0
                                                                         3.920664e-01
                                                       130.59
## 358
         1972-07-05 ^IXIC
                            131.28
                                     131.28
                                              131.28
                                                                         5.283712e-01
                                                      131.28
```

```
## 359
         1972-07-06 ^IXIC 131.86
                                     131.86
                                              131.86
                                                      131.86
                                                                      0 4.418038e-01
##
  360
         1972-07-07 ^IXIC
                            131.50
                                     131.50
                                              131.50
                                                       131.50
                                                                      0 -2.730168e-01
         1972-07-10 ^IXIC
                                              130.85
                                                       130.85
##
   361
                             130.85
                                     130.85
                                                                      0 -4.942966e-01
         1972-07-11 ^IXIC
  362
                             130.47
                                              130.47
                                                                      0 -2.904089e-01
##
                                     130.47
                                                       130.47
##
   363
         1972-07-12 ^IXIC
                             130.11
                                     130.11
                                              130.11
                                                       130.11
                                                                      0
                                                                       -2.759255e-01
                             129.03
                                              129.03
                                                       129.03
   364
         1972-07-13 ^IXIC
                                     129.03
                                                                      0 -8.300669e-01
##
##
   365
         1972-07-14 ^IXIC
                             129.38
                                     129.38
                                              129.38
                                                       129.38
                                                                      0
                                                                         2.712547e-01
         1972-07-17 ^IXIC
                                                                      0 -7.574586e-01
##
  366
                             128.40
                                     128.40
                                              128.40
                                                       128.40
##
   367
         1972-07-18 ^IXIC
                             127.54
                                     127.54
                                              127.54
                                                       127.54
                                                                      0
                                                                        -6.697819e-01
##
   368
         1972-07-19 ^IXIC
                             127.77
                                     127.77
                                              127.77
                                                       127.77
                                                                      0
                                                                         1.803356e-01
##
   369
         1972-07-20 ^IXIC
                             127.09
                                     127.09
                                              127.09
                                                       127.09
                                                                      0
                                                                        -5.322063e-01
         1972-07-21 ^IXIC
                             127.63
                                     127.63
                                              127.63
##
   370
                                                      127.63
                                                                      0
                                                                         4.248957e-01
##
   371
         1972-07-24 ^IXIC
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                                     128.77
                                              128.77
                                                                      0
                                                                         8.932069e-01
                                                       128.77
                                                                      0 -2.329735e-01
##
   372
         1972-07-25 ^IXIC
                             128.47
                                     128.47
                                              128.47
                                                       128.47
  373
         1972-07-26 ^IXIC
                             128.65
                                              128.65
##
                                     128.65
                                                       128.65
                                                                      0
                                                                         1.401105e-01
##
   374
         1972-07-27 ^IXIC
                             128.36
                                     128.36
                                              128.36
                                                       128.36
                                                                      0
                                                                        -2.254178e-01
##
  375
         1972-07-28 ^IXIC
                             128.15
                                     128.15
                                              128.15
                                                       128.15
                                                                      0
                                                                       -1.636024e-01
   376
         1972-07-31 ^IXIC
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                                     127.75
                                              127.75
                                                                        -3.121342e-01
##
                                                       127.75
         1972-08-01 ^IXIC
                             128.45
                                              128.45
##
  377
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                                                       128.45
                                                                      0
                                                                         5.479452e-01
##
   378
         1972-08-02 ^IXIC
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                                                       129.39
                                                                      0
                                                                         7.318023e-01
##
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                                     130.31
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                                                       130.31
                                                                      0
                                                                         7.110287e-01
  380
                             130.94
##
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                                              130.94
                                                       130.94
                                                                      0
                                                                         4.834625e-01
         1972-08-07 ^IXIC
                                                                         2.291126e-02
##
  381
                             130.97
                                     130.97
                                              130.97
                                                       130.97
                                                                      0
##
   382
         1972-08-08 ^IXIC
                             130.61
                                     130.61
                                              130.61
                                                       130.61
                                                                      0
                                                                        -2.748721e-01
##
   383
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                             130.75
                                     130.75
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                                                       130.75
                                                                      0
                                                                         1.071893e-01
##
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         1972-08-10 ^IXIC
                             130.84
                                     130.84
                                              130.84
                                                       130.84
                                                                      0
                                                                         6.883365e-02
   385
         1972-08-11 ^IXIC
                             131.68
                                                                         6.420055e-01
##
                                     131.68
                                              131.68
                                                       131.68
                                                                      0
##
   386
         1972-08-14 ^IXIC
                             131.70
                                     131.70
                                              131.70
                                                       131.70
                                                                      0
                                                                         1.518834e-02
                             131.48
##
   387
         1972-08-15 ^IXIC
                                     131.48
                                              131.48
                                                      131.48
                                                                      0
                                                                       -1.670463e-01
##
   388
         1972-08-16 ^IXIC
                             131.46
                                     131.46
                                              131.46
                                                                      0 -1.521144e-02
                                                       131.46
##
   389
         1972-08-17 ^IXIC
                             130.89
                                     130.89
                                              130.89
                                                       130.89
                                                                      0
                                                                       -4.335920e-01
##
   390
         1972-08-18 ^IXIC
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                                     131.43
                                              131.43
                                                       131.43
                                                                      0
                                                                         4.125602e-01
##
   391
         1972-08-21 ^IXIC
                             131.29
                                     131.29
                                              131.29
                                                                       -1.065206e-01
                                                       131.29
         1972-08-22 ^IXIC
##
   392
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                                     131.29
                                              131.29
                                                                      0
                                                                         0.000000e+00
                                                       131.29
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         1972-08-23 ^IXIC
                             131.10
                                                                        -1.447178e-01
##
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                                              131.10
                                                       131.10
                                                                      0
                             130.40
##
   394
         1972-08-24 ^IXIC
                                     130.40
                                              130.40
                                                       130.40
                                                                      0 -5.339436e-01
##
   395
         1972-08-25 ^IXIC
                             130.31
                                     130.31
                                              130.31
                                                       130.31
                                                                      0 -6.901840e-02
  396
         1972-08-28 ^IXIC
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                                     129.77
                                              129.77
                                                                      0 -4.143964e-01
##
                                                       129.77
   397
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                                     129.44
                                              129.44
                                                       129.44
                                                                        -2.542961e-01
##
         1972-08-29 ^IXIC
                                                                      0
                             129.78
                                     129.78
##
  398
         1972-08-30 ^IXIC
                                              129.78
                                                       129.78
                                                                      0
                                                                         2.626700e-01
##
   399
         1972-08-31 ^IXIC
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                                              129.95
                                                      129.95
                                                                      0
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         1972-09-01 ^IXIC
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                                              130.70
##
   400
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                                                                      0
                                                                         5.771451e-01
##
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         1972-09-05 ^IXIC
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                                     130.33
                                              130.33
                                                       130.33
                                                                      0 -2.830910e-01
                             129.63
                                     129.63
                                              129.63
                                                                      0 -5.370981e-01
##
   402
         1972-09-06 ^IXIC
                                                      129.63
## 403
         1972-09-07 ^IXIC
                             129.21
                                     129.21
                                              129.21
                                                       129.21
                                                                      0 -3.239991e-01
         1972-09-08 ^IXIC
                             129.13
                                     129.13
                                              129.13
## 404
                                                       129.13
                                                                      0 -6.191471e-02
##
  405
         1972-09-11 ^IXIC
                             128.26
                                     128.26
                                              128.26
                                                       128.26
                                                                      0 -6.737396e-01
## 406
         1972-09-12 ^IXIC
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                                     127.18
                                              127.18
                                                      127.18
                                                                      0
                                                                       -8.420396e-01
## 407
         1972-09-13 ^IXIC
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                                     127.51
                                              127.51
                                                      127.51
                                                                      0
                                                                         2.594748e-01
##
   408
         1972-09-14 ^IXIC
                             127.58
                                     127.58
                                              127.58
                                                       127.58
                                                                      0
                                                                         5.489766e-02
##
  409
         1972-09-15 ^IXIC
                             127.67
                                     127.67
                                              127.67
                                                       127.67
                                                                      0
                                                                         7.054397e-02
## 410
         1972-09-18 ^IXIC
                             127.61
                                     127.61
                                              127.61
                                                       127.61
                                                                      0 -4.699616e-02
## 411
         1972-09-19 ^IXIC
                            127.42
                                     127.42
                                              127.42
                                                      127.42
                                                                      0 -1.488912e-01
## 412
         1972-09-20 ^IXIC
                           127.51
                                     127.51
                                              127.51 127.51
                                                                         7.063255e-02
```

```
## 413
         1972-09-21 ^IXIC 127.30
                                    127.30
                                              127.30
                                                      127.30
                                                                     0 -1.646930e-01
                            127.46
                                              127.46
## 414
         1972-09-22 ^IXIC
                                     127.46
                                                      127.46
                                                                     0
                                                                        1.256874e-01
                                     126.82
## 415
         1972-09-25 ^IXIC
                            126.82
                                              126.82
                                                      126.82
                                                                       -5.021183e-01
         1972-09-26 ^IXIC
                            127.07
                                     127.07
                                              127.07
                                                                        1.971298e-01
## 416
                                                      127.07
                                                                     0
## 417
         1972-09-27 ^IXIC
                            128.55
                                     128.55
                                              128.55
                                                      128.55
                                                                     0
                                                                        1.164712e+00
                                              129.13
## 418
         1972-09-28 ^IXIC
                            129.13
                                     129.13
                                                      129.13
                                                                     0
                                                                        4.511863e-01
## 419
         1972-09-29 ^IXIC
                            129.61
                                     129.61
                                              129.61
                                                      129.61
                                                                     0
                                                                        3.717184e-01
         1972-10-02 ^IXIC
## 420
                            129.30
                                     129.30
                                              129.30
                                                      129.30
                                                                     0 -2.391791e-01
## 421
         1972-10-03 ^IXIC
                            129.48
                                     129.48
                                              129.48
                                                      129.48
                                                                     0
                                                                         1.392111e-01
## 422
         1972-10-04 ^IXIC
                            129.29
                                     129.29
                                              129.29
                                                      129.29
                                                                     0
                                                                       -1.467408e-01
## 423
         1972-10-05 ^IXIC
                            128.01
                                     128.01
                                              128.01
                                                      128.01
                                                                     0 -9.900224e-01
         1972-10-06 ^IXIC
## 424
                            128.13
                                     128.13
                                              128.13
                                                      128.13
                                                                     0
                                                                        9.374268e-02
##
  425
         1972-10-09 ^IXIC
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                                              128.51
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                                                                         2.965738e-01
                                                      128.51
                                     129.02
                                              129.02
                                                                        3.968563e-01
##
  426
         1972-10-10 ^IXIC
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                                                      129.02
                                                                     0
## 427
         1972-10-11 ^IXIC
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                                              128.57
                                     128.57
                                                      128.57
                                                                     0 -3.487831e-01
##
   428
         1972-10-12 ^IXIC
                            127.87
                                     127.87
                                              127.87
                                                      127.87
                                                                     0
                                                                       -5.444505e-01
##
  429
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                                     127.19
                                              127.19
                                                      127.19
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  430
         1972-10-16 ^IXIC
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                                     125.87
                                              125.87
                                                                     0
                                                                       -1.037817e+00
##
                                                      125.87
         1972-10-17 ^IXIC
                            126.43
                                                                        4.449035e-01
## 431
                                     126.43
                                              126.43
                                                      126.43
                                                                     0
                                                      127.05
## 432
         1972-10-18 ^IXIC
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                                     127.05
                                              127.05
                                                                     0
                                                                         4.903899e-01
## 433
         1972-10-19 ^IXIC
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                                     126.91
                                              126.91
                                                      126.91
                                                                     0
                                                                       -1.101928e-01
## 434
                            128.00
                                     128.00
                                              128.00
         1972-10-20 ^IXIC
                                                      128.00
                                                                     0
                                                                        8.588764e-01
         1972-10-23 ^IXIC
                                              128.66
## 435
                            128.66
                                     128.66
                                                      128.66
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                                                                        5.156250e-01
##
  436
         1972-10-24 ^IXIC
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                                     128.91
                                              128.91
                                                      128.91
                                                                     0
                                                                         1.943106e-01
## 437
         1972-10-25 ^IXIC
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                                                                     0
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  438
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                                                                        3.724106e-01
  439
         1972-10-27 ^IXIC
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                                              129.53
##
                                     129.53
                                                      129.53
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                                                                        1.236763e-01
##
   440
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                            129.46
                                     129.46
                                              129.46
                                                      129.46
                                                                     0
                                                                       -5.404153e-02
         1972-10-31 ^IXIC
                            130.24
                                              130.24
##
  441
                                     130.24
                                                      130.24
                                                                     0
                                                                        6.025027e-01
## 442
         1972-11-01 ^IXIC
                            131.59
                                     131.59
                                              131.59
                                                                     0
                                                                        1.036548e+00
                                                      131.59
## 443
         1972-11-02 ^IXIC
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                                     132.12
                                              132.12
                                                      132.12
                                                                     0
                                                                        4.027662e-01
##
  444
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                            133.34
                                     133.34
                                              133.34
                                                      133.34
                                                                     0
                                                                        9.234030e-01
##
  445
         1972-11-06 ^IXIC
                            133.58
                                     133.58
                                              133.58
                                                      133.58
                                                                     0
                                                                        1.799910e-01
                            133.06
         1972-11-08 ^IXIC
##
  446
                                     133.06
                                              133.06
                                                      133.06
                                                                     0
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   447
         1972-11-09 ^IXIC
                            132.82
                                     132.82
                                              132.82
                                                                        -1.803698e-01
##
                                                      132.82
                                                                     0
                            133.12
                                              133.12
##
  448
         1972-11-10 ^IXIC
                                     133.12
                                                      133.12
                                                                     0
                                                                        2.258696e-01
## 449
         1972-11-13 ^IXIC
                            132.77
                                     132.77
                                              132.77
                                                      132.77
                                                                       -2.629207e-01
## 450
         1972-11-14 ^IXIC
                            132.90
                                     132.90
                                              132.90
                                                      132.90
                                                                     0
                                                                         9.791369e-02
                            132.45
                                     132.45
                                              132.45
                                                                        -3.386005e-01
##
  451
         1972-11-15 ^IXIC
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                                                                     0
                            132.62
##
  452
         1972-11-16 ^IXIC
                                     132.62
                                              132.62
                                                      132.62
                                                                     0
                                                                         1.283503e-01
         1972-11-17 ^IXIC
##
  453
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                                     132.33
                                              132.33
                                                      132.33
                                                                     0
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                                     132.12
                                              132.12
                                                                       -1.586942e-01
##
  454
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                                                                     0
##
  455
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                                              132.19
                                                      132.19
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                                                                         5.298214e-02
   456
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                                              132.49
                                                                     0
##
         1972-11-22 ^IXIC
                                     132.49
                                                      132.49
                                                                        2.269461e-01
## 457
         1972-11-24 ^IXIC
                            133.02
                                     133.02
                                              133.02
                                                      133.02
                                                                     0
                                                                        4.000302e-01
         1972-11-27 ^IXIC
## 458
                            132.57
                                     132.57
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                                                                     0
                                                      132.57
                                                                       -3.382950e-01
## 459
         1972-11-28 ^IXIC
                            132.71
                                     132.71
                                              132.71
                                                      132.71
                                                                     0
                                                                         1.056046e-01
## 460
         1972-11-29 ^IXIC
                            132.73
                                     132.73
                                              132.73
                                                      132.73
                                                                     0
                                                                         1.507045e-02
## 461
         1972-11-30 ^IXIC
                            132.96
                                     132.96
                                              132.96
                                                      132.96
                                                                     0
                                                                        1.732841e-01
## 462
         1972-12-01 ^IXIC
                            133.94
                                     133.94
                                              133.94
                                                      133.94
                                                                     0
                                                                        7.370638e-01
##
  463
         1972-12-04 ^IXIC
                            134.14
                                     134.14
                                              134.14
                                                                     0
                                                                         1.493206e-01
                                                      134.14
## 464
         1972-12-05 ^IXIC
                            134.28
                                     134.28
                                              134.28
                                                      134.28
                                                                     0
                                                                        1.043686e-01
## 465
         1972-12-06 ^IXIC
                            134.68
                                     134.68
                                              134.68
                                                                     0
                                                                        2.978850e-01
                                                      134.68
## 466
         1972-12-07 ^IXIC
                            135.06
                                     135.06
                                              135.06
                                                      135.06
                                                                     0
                                                                        2.821503e-01
```

```
## 467
         1972-12-08 ^IXIC 135.15
                                     135.15
                                              135.15
                                                      135.15
                                                                     0 6.663705e-02
                                     134.83
##
  468
         1972-12-11 ^IXIC
                            134.83
                                              134.83
                                                      134.83
                                                                     0 -2.367740e-01
         1972-12-12 ^IXIC
##
  469
                            134.27
                                     134.27
                                              134.27
                                                      134.27
                                                                     0 -4.153378e-01
         1972-12-13 ^IXIC
                            133.66
                                              133.66
                                                                     0 -4.543085e-01
##
  470
                                     133.66
                                                      133.66
## 471
         1972-12-14 ^IXIC
                            133.33
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                                              133.33
                                                      133.33
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                                                                       -2.468951e-01
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                                              133.53
                                                      133.53
##
  472
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## 473
         1972-12-18 ^IXIC
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                                              132.54
                                                      132.54
                                                                     0 -7.414064e-01
         1972-12-19 ^IXIC
## 474
                            132.39
                                     132.39
                                              132.39
                                                      132.39
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##
  475
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                                                                     0
                                                                       -3.474583e-01
## 476
         1972-12-21 ^IXIC
                            131.08
                                     131.08
                                              131.08
                                                      131.08
                                                                     0
                                                                       -6.442811e-01
## 477
         1972-12-22 ^IXIC
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                                     131.28
                                              131.28
                                                      131.28
                                                                     0
                                                                        1.525786e-01
         1972-12-26 ^IXIC
## 478
                            131.18
                                     131.18
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                                                                     0
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##
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                                                                        1.364360e+00
##
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         1973-01-02 ^IXIC
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                                              134.63
                                                                        6.729978e-01
##
                                     134.63
                                                      134.63
                                                                     0
##
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         1973-01-03 ^IXIC
                            135.38
                                     135.38
                                              135.38
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                                                                     0
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                                              135.44
##
  483
         1973-01-04 ^IXIC
                            135.44
                                     135.44
                                                      135.44
                                                                     0
                                                                        4.431969e-02
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         1973-01-05 ^IXIC
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                                     135.91
                                              135.91
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                                                      135.91
         1973-01-08 ^IXIC
                                                                        8.093591e-02
##
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                                     136.02
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                                                      136.02
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##
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                                     135.99
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                                                                     0
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##
  487
         1973-01-10 ^IXIC
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                                     136.06
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                                                                     0
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                                              136.84
##
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         1973-01-12 ^IXIC
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                                              136.01
##
  489
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                                                      136.01
                                                                     0 -6.065478e-01
##
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                                     134.60
                                              134.60
                                                      134.60
                                                                     0
                                                                       -1.036688e+00
## 491
         1973-01-16 ^IXIC
                            134.03
                                     134.03
                                              134.03
                                                      134.03
                                                                     0
                                                                       -4.234770e-01
  492
         1973-01-17 ^IXIC
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                                     134.07
                                              134.07
                                                      134.07
                                                                     0
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  493
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                                              134.34
                                                                        2.013873e-01
##
                                     134.34
                                                      134.34
                                                                     0
##
   494
         1973-01-19 ^IXIC
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                                     133.87
                                              133.87
                                                      133.87
                                                                     0 -3.498586e-01
   495
                            133.15
                                                                     0 -5.378352e-01
##
         1973-01-22 ^IXIC
                                     133.15
                                              133.15
                                                      133.15
##
  496
         1973-01-23 ^IXIC
                            132.44
                                     132.44
                                              132.44
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                                                      132.44
         1973-01-24 ^IXIC
##
  497
                            130.49
                                     130.49
                                              130.49
                                                      130.49
                                                                     0 -1.472365e+00
##
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         1973-01-26 ^IXIC
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                                     129.76
                                              129.76
                                                      129.76
                                                                     0 -5.594298e-01
##
   499
         1973-01-29 ^IXIC
                            128.46
                                     128.46
                                              128.46
                                                      128.46
                                                                     0 -1.001850e+00
         1973-01-30 ^IXIC
                            128.22
                                              128.22
##
  500
                                     128.22
                                                      128.22
                                                                     0 -1.868286e-01
   501
         1973-01-31 ^IXIC
                            128.40
                                     128.40
                                              128.40
                                                                        1.403837e-01
##
                                                      128.40
                                                                     0
                                     126.94
                            126.94
                                              126.94
## 502
         1973-02-01 ^IXIC
                                                      126.94
                                                                     0 -1.137072e+00
## 503
         1973-02-02 ^IXIC
                            126.48
                                     126.48
                                              126.48
                                                      126.48
                                                                     0 -3.623759e-01
## 504
         1973-02-05 ^IXIC
                            126.00
                                     126.00
                                              126.00
                                                                     0 -3.795066e-01
                                                      126.00
## 505
         1973-02-06 ^IXIC
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                                     126.27
                                              126.27
                                                                        2.142857e-01
                                                      126.27
                                                                     0
                            124.99
                                     124.99
                                              124.99
## 506
         1973-02-07 ^IXIC
                                                      124.99
                                                                     0 -1.013701e+00
##
  507
         1973-02-08 ^IXIC
                            123.97
                                     123.97
                                              123.97
                                                      123.97
                                                                     0
                                                                       -8.160653e-01
         1973-02-09 ^IXIC
                            125.86
                                     125.86
                                              125.86
##
  508
                                                      125.86
                                                                     0
                                                                        1.524562e+00
##
   509
         1973-02-12 ^IXIC
                            126.88
                                     126.88
                                              126.88
                                                      126.88
                                                                     0
                                                                        8.104243e-01
                                     127.19
                                              127.19
## 510
         1973-02-13 ^IXIC
                            127.19
                                                      127.19
                                                                     0
                                                                        2.443253e-01
## 511
         1973-02-14 ^IXIC
                            125.42
                                     125.42
                                              125.42
                                                      125.42
                                                                     0 -1.391619e+00
         1973-02-15 ^IXIC
                            124.43
                                     124.43
                                              124.43
                                                                     0 -7.893478e-01
## 512
                                                      124.43
## 513
         1973-02-16 ^IXIC
                            124.55
                                     124.55
                                              124.55
                                                      124.55
                                                                     0
                                                                        9.643977e-02
## 514
         1973-02-20 ^IXIC
                            125.01
                                     125.01
                                              125.01
                                                      125.01
                                                                     0
                                                                        3.693296e-01
                                     123.95
                                              123.95
## 515
         1973-02-21 ^IXIC
                            123.95
                                                      123.95
                                                                     0 -8.479322e-01
## 516
         1973-02-22 ^IXIC
                            123.68
                                     123.68
                                              123.68
                                                      123.68
                                                                     0 -2.178298e-01
## 517
         1973-02-23 ^IXIC
                            122.34
                                     122.34
                                              122.34
                                                      122.34
                                                                     0 -1.083441e+00
## 518
         1973-02-26 ^IXIC
                            121.27
                                     121.27
                                              121.27
                                                      121.27
                                                                     0 -8.746117e-01
## 519
         1973-02-27 ^IXIC
                            119.80
                                     119.80
                                              119.80
                                                      119.80
                                                                     0 -1.212171e+00
## 520
         1973-02-28 ^IXIC
                           120.41
                                     120.41
                                              120.41 120.41
                                                                     0
                                                                        5.091820e-01
```

```
## 521
         1973-03-01 ^IXIC 119.53
                                    119.53 119.53 119.53
                                                                     0 -7.308363e-01
                                     120.11
                                             120.11
## 522
         1973-03-02 ^IXIC
                            120.11
                                                      120.11
                                                                     0
                                                                        4.852338e-01
         1973-03-05 ^IXIC
                                                      120.55
## 523
                            120.55
                                     120.55
                                             120.55
                                                                        3.663309e-01
  524
         1973-03-06 ^IXIC
                            121.91
                                     121.91
                                             121.91
##
                                                      121.91
                                                                     0
                                                                        1.128163e+00
##
  525
         1973-03-07 ^IXIC
                            122.28
                                     122.28
                                             122.28
                                                      122.28
                                                                     0
                                                                        3.035026e-01
##
  526
         1973-03-08 ^IXIC
                            122.11
                                     122.11
                                             122.11
                                                                     0
                                                                       -1.390252e-01
                                                      122.11
##
  527
         1973-03-09 ^IXIC
                            121.99
                                     121.99
                                             121.99
                                                      121.99
                                                                     0 -9.827205e-02
         1973-03-12 ^IXIC
## 528
                            121.86
                                     121.86
                                             121.86
                                                      121.86
                                                                     0 -1.065661e-01
##
  529
         1973-03-13 ^IXIC
                            122.09
                                     122.09
                                             122.09
                                                      122.09
                                                                     0
                                                                        1.887412e-01
##
  530
         1973-03-14 ^IXIC
                            122.10
                                     122.10
                                             122.10
                                                      122.10
                                                                     0
                                                                        8.190679e-03
##
  531
         1973-03-15 ^IXIC
                            121.60
                                     121.60
                                             121.60
                                                      121.60
                                                                     0 -4.095004e-01
         1973-03-16 ^IXIC
##
  532
                            121.22
                                     121.22
                                             121.22
                                                      121.22
                                                                     0 -3.125000e-01
##
   533
         1973-03-19 ^IXIC
                            119.94
                                     119.94
                                             119.94
                                                                     0 -1.055931e+00
                                                      119.94
                                             119.26
##
  534
         1973-03-20 ^IXIC
                            119.26
                                     119.26
                                                      119.26
                                                                     0 -5.669501e-01
  535
         1973-03-21 ^IXIC
##
                            117.89
                                     117.89
                                             117.89
                                                      117.89
                                                                     0 -1.148751e+00
##
   536
         1973-03-22 ^IXIC
                            115.69
                                     115.69
                                              115.69
                                                      115.69
                                                                     0
                                                                       -1.866146e+00
##
  537
         1973-03-23 ^IXIC
                            115.47
                                             115.47
                                                                     0
                                                                       -1.901634e-01
                                     115.47
                                                      115.47
   538
         1973-03-26 ^IXIC
                            115.54
                                     115.54
                                             115.54
                                                                        6.062181e-02
##
                                                      115.54
  539
         1973-03-27 ^IXIC
##
                            116.89
                                     116.89
                                             116.89
                                                      116.89
                                                                     0
                                                                        1.168427e+00
##
  540
         1973-03-28 ^IXIC
                            117.14
                                     117.14
                                             117.14
                                                      117.14
                                                                     0
                                                                        2.138763e-01
## 541
         1973-03-29 ^IXIC
                            118.19
                                     118.19
                                             118.19
                                                      118.19
                                                                     0
                                                                        8.963633e-01
## 542
         1973-03-30 ^IXIC
                            117.46
                                     117.46
                                             117.46
                                                      117.46
                                                                       -6.176495e-01
         1973-04-02 ^IXIC
## 543
                            115.79
                                     115.79
                                             115.79
                                                      115.79
                                                                     0 -1.421761e+00
##
  544
         1973-04-03 ^IXIC
                            114.47
                                     114.47
                                             114.47
                                                      114.47
                                                                     0
                                                                       -1.139995e+00
## 545
         1973-04-04 ^IXIC
                            112.89
                                     112.89
                                             112.89
                                                      112.89
                                                                     0
                                                                       -1.380274e+00
  546
         1973-04-05 ^IXIC
                            112.02
                                     112.02
                                             112.02
                                                      112.02
                                                                     0
                                                                       -7.706617e-01
  547
         1973-04-06 ^IXIC
                            113.27
                                             113.27
##
                                     113.27
                                                      113.27
                                                                     0
                                                                        1.115872e+00
##
   548
         1973-04-09 ^IXIC
                            114.01
                                     114.01
                                             114.01
                                                      114.01
                                                                     0
                                                                        6.533063e-01
##
   549
         1973-04-10 ^IXIC
                            114.81
                                     114.81
                                             114.81
                                                      114.81
                                                                     0
                                                                        7.016928e-01
##
   550
         1973-04-11 ^IXIC
                            115.29
                                     115.29
                                             115.29
                                                                     0
                                                                        4.180820e-01
                                                      115.29
##
  551
         1973-04-12 ^IXIC
                            115.59
                                     115.59
                                             115.59
                                                      115.59
                                                                     0
                                                                        2.602134e-01
##
  552
         1973-04-13 ^IXIC
                            115.22
                                     115.22
                                             115.22
                                                      115.22
                                                                     0 -3.200969e-01
##
   553
         1973-04-16 ^IXIC
                            114.55
                                     114.55
                                             114.55
                                                      114.55
                                                                     0 -5.814963e-01
         1973-04-17 ^IXIC
##
   554
                            113.64
                                     113.64
                                             113.64
                                                                     0 -7.944129e-01
                                                      113.64
   555
         1973-04-18 ^IXIC
                            113.71
                                     113.71
                                             113.71
                                                                        6.159803e-02
##
                                                      113.71
                                                                     0
##
  556
         1973-04-19 ^IXIC
                            114.15
                                     114.15
                                             114.15
                                                      114.15
                                                                     0
                                                                        3.869493e-01
## 557
         1973-04-23 ^IXIC
                            113.02
                                     113.02
                                             113.02
                                                      113.02
                                                                     0 -9.899255e-01
## 558
         1973-04-24 ^IXIC
                            111.23
                                     111.23
                                             111.23
                                                                     0 -1.583790e+00
                                                      111.23
  559
                            109.37
                                     109.37
                                              109.37
##
         1973-04-25 ^IXIC
                                                      109.37
                                                                     0
                                                                       -1.672211e+00
## 560
         1973-04-26 ^IXIC
                            109.72
                                     109.72
                                             109.72
                                                      109.72
                                                                     0
                                                                        3.200146e-01
##
  561
         1973-04-27 ^IXIC
                            108.40
                                     108.40
                                             108.40
                                                      108.40
                                                                     0
                                                                       -1.203062e+00
         1973-04-30 ^IXIC
                            107.85
                                     107.85
                                             107.85
##
  562
                                                      107.85
                                                                     0
                                                                       -5.073801e-01
##
   563
         1973-05-01 ^IXIC
                            107.96
                                     107.96
                                             107.96
                                                      107.96
                                                                     0
                                                                        1.019935e-01
                            109.05
                                     109.05
                                             109.05
##
   564
         1973-05-02 ^IXIC
                                                      109.05
                                                                     0
                                                                        1.009633e+00
##
  565
         1973-05-03 ^IXIC
                            109.81
                                     109.81
                                             109.81
                                                      109.81
                                                                     0
                                                                        6.969280e-01
         1973-05-04 ^IXIC
                                             110.89
                                                                        9.835170e-01
##
  566
                            110.89
                                     110.89
                                                      110.89
                                                                     0
##
  567
         1973-05-07 ^IXIC
                            110.48
                                     110.48
                                             110.48
                                                      110.48
                                                                     0 -3.697358e-01
## 568
         1973-05-08 ^IXIC
                            110.67
                                     110.67
                                              110.67
                                                      110.67
                                                                     0
                                                                        1.719768e-01
                            110.54
##
  569
         1973-05-09 ^IXIC
                                     110.54
                                             110.54
                                                      110.54
                                                                     0 -1.174663e-01
##
  570
         1973-05-10 ^IXIC
                            110.32
                                     110.32
                                             110.32
                                                                     0 -1.990230e-01
                                                      110.32
## 571
         1973-05-11 ^IXIC
                            109.10
                                     109.10
                                             109.10
                                                                     0 -1.105874e+00
                                                      109.10
## 572
         1973-05-14 ^IXIC
                            106.46
                                     106.46
                                             106.46
                                                      106.46
                                                                     0 -2.419798e+00
         1973-05-15 ^IXIC
## 573
                            106.14
                                     106.14
                                             106.14
                                                                     0 -3.005824e-01
                                                      106.14
## 574
         1973-05-16 ^IXIC
                            106.10
                                     106.10
                                             106.10
                                                      106.10
                                                                     0 -3.768607e-02
```

```
## 575
         1973-05-17 ^IXIC
                            105.19
                                     105.19
                                              105.19
                                                       105.19
                                                                      0 -8.576814e-01
                             102.89
## 576
         1973-05-18 ^IXIC
                                     102.89
                                              102.89
                                                       102.89
                                                                      0 -2.186520e+00
         1973-05-21 ^IXIC
                                      100.76
                                              100.76
## 577
                             100.76
                                                       100.76
                                                                        -2.070172e+00
         1973-05-22 ^IXIC
                             101.59
                                     101.59
                                              101.59
                                                                         8.237396e-01
## 578
                                                       101.59
                                                                      0
##
  579
         1973-05-23 ^IXIC
                             102.09
                                     102.09
                                              102.09
                                                       102.09
                                                                      0
                                                                         4.921744e-01
                             104.27
##
  580
         1973-05-24 ^IXIC
                                     104.27
                                              104.27
                                                                      0
                                                                         2.135371e+00
                                                       104.27
##
  581
         1973-05-25 ^IXIC
                             105.17
                                     105.17
                                              105.17
                                                       105.17
                                                                      0
                                                                         8.631438e-01
## 582
         1973-05-29 ^IXIC
                             104.85
                                     104.85
                                              104.85
                                                       104.85
                                                                      0
                                                                        -3.042693e-01
##
   583
         1973-05-30 ^IXIC
                             103.19
                                     103.19
                                              103.19
                                                       103.19
                                                                      0
                                                                        -1.583214e+00
##
   584
         1973-05-31 ^IXIC
                             102.64
                                     102.64
                                              102.64
                                                       102.64
                                                                      0
                                                                        -5.329974e-01
##
   585
         1973-06-01 ^IXIC
                             102.30
                                     102.30
                                              102.30
                                                       102.30
                                                                        -3.312549e-01
         1973-06-04 ^IXIC
                             100.77
                                              100.77
##
   586
                                     100.77
                                                       100.77
                                                                      0
                                                                        -1.495601e+00
##
   587
         1973-06-05 ^IXIC
                             101.71
                                     101.71
                                              101.71
                                                                      0
                                                                         9.328173e-01
                                                       101.71
         1973-06-06 ^IXIC
##
   588
                             101.70
                                     101.70
                                              101.70
                                                       101.70
                                                                      0
                                                                        -9.831875e-03
         1973-06-07 ^IXIC
   589
                             102.57
                                     102.57
                                              102.57
                                                                      0
##
                                                       102.57
                                                                         8.554572e-01
##
   590
         1973-06-08 ^IXIC
                             103.72
                                      103.72
                                              103.72
                                                       103.72
                                                                      0
                                                                         1.121186e+00
                                                                      0
##
  591
         1973-06-11 ^IXIC
                             103.04
                                     103.04
                                              103.04
                                                       103.04
                                                                        -6.556113e-01
   592
         1973-06-12 ^IXIC
                             104.79
                                      104.79
                                              104.79
                                                                         1.698370e+00
##
                                                       104.79
         1973-06-13 ^IXIC
                             104.33
##
  593
                                     104.33
                                              104.33
                                                       104.33
                                                                      0
                                                                        -4.389732e-01
##
   594
         1973-06-14 ^IXIC
                             103.56
                                      103.56
                                              103.56
                                                       103.56
                                                                        -7.380427e-01
##
  595
         1973-06-15 ^IXIC
                             102.26
                                     102.26
                                              102.26
                                                       102.26
                                                                      0
                                                                        -1.255311e+00
                             100.77
                                              100.77
                                                                        -1.457070e+00
##
  596
         1973-06-18 ^IXIC
                                      100.77
                                                       100.77
                                              100.96
         1973-06-19 ^IXIC
                             100.96
## 597
                                     100.96
                                                       100.96
                                                                      0
                                                                         1.885482e-01
##
   598
         1973-06-20 ^IXIC
                             101.19
                                     101.19
                                              101.19
                                                       101.19
                                                                      0
                                                                         2.278130e-01
                                              100.40
                                                                        -7.807096e-01
##
  599
         1973-06-21 ^IXIC
                             100.40
                                      100.40
                                                       100.40
                                                                      0
##
  600
         1973-06-22 ^IXIC
                             100.99
                                      100.99
                                              100.99
                                                       100.99
                                                                      0
                                                                         5.876494e-01
   601
         1973-06-25 ^IXIC
                              99.43
                                               99.43
                                                                      0
                                                                        -1.544707e+00
##
                                       99.43
                                                        99.43
##
   602
         1973-06-26 ^IXIC
                              99.96
                                       99.96
                                               99.96
                                                        99.96
                                                                      0
                                                                         5.330383e-01
   603
                             100.22
                                              100.22
##
         1973-06-27 ^IXIC
                                     100.22
                                                       100.22
                                                                      0
                                                                         2.601040e-01
##
  604
         1973-06-28 ^IXIC
                             101.16
                                     101.16
                                              101.16
                                                       101.16
                                                                      0
                                                                         9.379365e-01
         1973-06-29 ^IXIC
##
   605
                             100.98
                                      100.98
                                              100.98
                                                       100.98
                                                                      0
                                                                        -1.779359e-01
##
   606
         1973-07-02 ^IXIC
                             100.15
                                      100.15
                                              100.15
                                                       100.15
                                                                      0
                                                                        -8.219449e-01
##
   607
         1973-07-03 ^IXIC
                              99.45
                                       99.45
                                               99.45
                                                        99.45
                                                                        -6.989516e-01
         1973-07-05 ^IXIC
##
  608
                              99.39
                                       99.39
                                               99.39
                                                        99.39
                                                                      0
                                                                        -6.033183e-02
   609
         1973-07-06 ^IXIC
                              99.48
                                       99.48
                                               99.48
                                                        99.48
                                                                         9.055237e-02
##
                                                                      0
                             100.01
                                              100.01
##
  610
         1973-07-09 ^IXIC
                                     100.01
                                                       100.01
                                                                      0
                                                                         5.327704e-01
## 611
         1973-07-10 ^IXIC
                             101.18
                                      101.18
                                              101.18
                                                       101.18
                                                                      0
                                                                         1.169883e+00
## 612
         1973-07-11 ^IXIC
                             102.69
                                     102.69
                                              102.69
                                                                      0
                                                                         1.492390e+00
                                                       102.69
                             103.17
                                     103.17
                                              103.17
##
  613
         1973-07-12 ^IXIC
                                                       103.17
                                                                      0
                                                                         4.674262e-01
                             103.03
## 614
         1973-07-13 ^IXIC
                                     103.03
                                              103.03
                                                       103.03
                                                                      0
                                                                        -1.356984e-01
##
  615
         1973-07-16 ^IXIC
                             103.97
                                     103.97
                                              103.97
                                                       103.97
                                                                      0
                                                                         9.123556e-01
## 616
         1973-07-17 ^IXIC
                             104.64
                                              104.64
                                                                      0
                                                                         6.444167e-01
                                     104.64
                                                       104.64
##
  617
         1973-07-18 ^IXIC
                             105.77
                                      105.77
                                              105.77
                                                       105.77
                                                                      0
                                                                         1.079893e+00
                             106.52
                                     106.52
                                              106.52
                                                                      0
                                                                         7.090858e-01
##
  618
         1973-07-19 ^IXIC
                                                       106.52
## 619
         1973-07-20 ^IXIC
                             107.68
                                     107.68
                                              107.68
                                                       107.68
                                                                      0
                                                                         1.088997e+00
         1973-07-23 ^IXIC
                                              107.75
## 620
                             107.75
                                     107.75
                                                                      0
                                                       107.75
                                                                         6.500743e-02
                                                       108.29
##
  621
         1973-07-24 ^IXIC
                             108.29
                                     108.29
                                              108.29
                                                                      0
                                                                         5.011601e-01
## 622
         1973-07-25 ^IXIC
                             109.19
                                     109.19
                                              109.19
                                                       109.19
                                                                      0
                                                                         8.311017e-01
                                              109.17
                                                       109.17
##
  623
         1973-07-26 ^IXIC
                             109.17
                                     109.17
                                                                      0
                                                                        -1.831670e-02
##
   624
         1973-07-27 ^IXIC
                             109.36
                                      109.36
                                              109.36
                                                       109.36
                                                                      0
                                                                         1.740405e-01
   625
##
         1973-07-30 ^IXIC
                             108.88
                                     108.88
                                              108.88
                                                                      0
                                                                        -4.389173e-01
                                                       108.88
## 626
         1973-07-31 ^IXIC
                             108.64
                                     108.64
                                              108.64
                                                       108.64
                                                                      0 -2.204262e-01
## 627
         1973-08-01 ^IXIC
                             107.13
                                     107.13
                                              107.13
                                                       107.13
                                                                      0 -1.389912e+00
## 628
         1973-08-02 ^IXIC
                             106.98
                                     106.98
                                              106.98
                                                       106.98
                                                                      0 -1.400168e-01
```

```
## 629
         1973-08-03 ^IXIC
                            106.82
                                     106.82
                                              106.82
                                                      106.82
                                                                      0 -1.495607e-01
## 630
                                     107.21
                                              107.21
         1973-08-06 ^IXIC
                            107.21
                                                      107.21
                                                                         3.651002e-01
         1973-08-07 ^IXIC
                                              107.30
##
  631
                             107.30
                                     107.30
                                                      107.30
                                                                         8.394739e-02
  632
         1973-08-08 ^IXIC
                             106.13
                                     106.13
                                              106.13
##
                                                      106.13
                                                                      0 -1.090401e+00
##
   633
         1973-08-09 ^IXIC
                             106.15
                                     106.15
                                              106.15
                                                      106.15
                                                                      0
                                                                         1.884481e-02
                             105.32
                                              105.32
##
  634
         1973-08-10 ^IXIC
                                     105.32
                                                      105.32
                                                                      0 -7.819124e-01
##
  635
         1973-08-13 ^IXIC
                             104.35
                                     104.35
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##
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##
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##
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##
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##
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##
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##
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##
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##
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##
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                              93.51
                                               93.51
## 711
         1973-11-30 ^IXIC
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## 712
         1973-12-03 ^IXIC
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                                                                      0 -1.646883e+00
## 713
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                                       91.56
                                               91.56
                                                        91.56
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## 714
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## 715
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         1973-12-07 ^IXIC
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##
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## 718
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## 719
         1973-12-12 ^IXIC
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	742	1974-01-16 ^IXIC	94.49	94.49	94.49	94.49	0 1.525733e+00
	743	1974-01-17 ^IXIC	95.95	95.95	95.95	95.95	0 1.545137e+00
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##	764	1974-02-15 ^IXIC	90.98	90.98	90.98	90.98	0 8.535639e-01
##	765	1974-02-19 ^IXIC	90.82	90.82	90.82	90.82	0 -1.758628e-01
##	766	1974-02-20 ^IXIC	91.56	91.56	91.56	91.56	0 8.147985e-01
##	767	1974-02-21 ^IXIC	92.17	92.17	92.17	92.17	0 6.662298e-01
##	768	1974-02-22 ^IXIC	92.93	92.93	92.93	92.93	0 8.245633e-01
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	771	1974-02-27 ^IXIC	94.06	94.06	94.06	94.06	0 1.020299e+00
	772	1974-02-28 ^IXIC	94.35	94.35	94.35	94.35	0 3.083138e-01
	773	1974-03-01 ^IXIC	94.05	94.05	94.05	94.05	0 -3.179650e-01
	774	1974-03-04 ^IXIC	93.80	93.80	93.80	93.80	0 -2.658161e-01
	775	1974-03-05 ^IXIC	94.71	94.71	94.71	94.71	0 9.701493e-01
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	777	1974-03-07 ^IXIC	94.53	94.53	94.53	94.53	0 -6.202691e-01
	778	1974-03-08 ^IXIC	95.17	95.17	95.17	95.17	0 6.770337e-01
	779	1974-03-11 ^IXIC	95.87	95.87	95.87	95.87	0 7.355259e-01
	780	1974-03-12 ^IXIC	95.80	95.80	95.80	95.80	0 -7.301554e-02
	781	1974-03-13 ^IXIC	96.33	96.33	96.33	96.33	0 5.532359e-01
	782	1974-03-14 ^IXIC	96.51	96.51	96.51	96.51	0 1.868577e-01
	783	1974-03-15 ^IXIC	96.53	96.53	96.53	96.53	0 2.072324e-02
	784	1974-03-18 ^IXIC	95.37	95.37	95.37	95.37	0 -1.201699e+00
	785	1974-03-19 ^IXIC	94.75	94.75	94.75	94.75	0 -6.500996e-01
	786	1974-03-19 TXIC	94.75	94.75	94.75	94.75	0 2.110818e-01
	787	1974-03-20 TXIC	95.36	95.36	94.95 95.36	95.36	0 4.318062e-01
	788	1974-03-21 TXIC	95.36	95.36	95.36	95.45	0 4.318062e-01 0 9.437919e-02
	789	1974-03-25 ÎXIC	95.45	95.45	95.45 95.35	95.45	0 9.437919e-02 0 -1.047669e-01
	790						
##	130	1974-03-26 ^IXIC	95.27	95.27	95.27	95.27	0 -8.390142e-02

##	791	1974-03-27 ^IXIC	94.21	94.21	94.21	94.21	0 -1.112627e+00
	792		92.87	92.87		92.87	0 -1.422354e+00
		1974-03-28 ^IXIC			92.87		
	793	1974-03-29 ^IXIC	92.27	92.27	92.27	92.27	0 -6.460644e-01
	794	1974-04-01 ^IXIC	91.90	91.90	91.90	91.90	0 -4.009971e-01
##	795	1974-04-02 ^IXIC	92.03	92.03	92.03	92.03	0 1.414581e-01
##	796	1974-04-03 ^IXIC	92.13	92.13	92.13	92.13	0 1.086602e-01
##	797	1974-04-04 ^IXIC	91.88	91.88	91.88	91.88	0 -2.713557e-01
##	798	1974-04-05 ^IXIC	90.70	90.70	90.70	90.70	0 -1.284284e+00
##	799	1974-04-08 ^IXIC	89.92	89.92	89.92	89.92	0 -8.599779e-01
##	800	1974-04-09 ^IXIC	90.18	90.18	90.18	90.18	0 2.891459e-01
##	801	1974-04-10 ^IXIC	89.87	89.87	89.87	89.87	0 -3.437569e-01
	802	1974-04-11 ^IXIC	89.79	89.79	89.79	89.79	0 -8.901747e-02
	803	1974-04-15 ^IXIC	89.42	89.42	89.42	89.42	0 -4.120726e-01
	804	1974-04-16 ^IXIC	90.33	90.33	90.33	90.33	0 1.017669e+00
	805	1974-04-17 ÎXIC	90.72	90.72	90.72	90.72	0 4.317502e-01
	806	1974-04-18 ^IXIC	90.90	90.90	90.90	90.90	0 1.984127e-01
	807	1974-04-19 ^IXIC	90.31	90.31	90.31	90.31	0 -6.490649e-01
	808	1974-04-22 ^IXIC	90.27	90.27	90.27	90.27	0 -4.429188e-02
	809	1974-04-23 ^IXIC	88.47	88.47	88.47	88.47	0 -1.994018e+00
	810	1974-04-24 ^IXIC	86.95	86.95	86.95	86.95	0 -1.718097e+00
	811	1974-04-25 ^IXIC	86.04	86.04	86.04	86.04	0 -1.046578e+00
##	812	1974-04-26 ^IXIC	86.24	86.24	86.24	86.24	0 2.324500e-01
##	813	1974-04-29 ^IXIC	86.46	86.46	86.46	86.46	0 2.551020e-01
##	814	1974-04-30 ^IXIC	86.86	86.86	86.86	86.86	0 4.626417e-01
##	815	1974-05-01 ^IXIC	87.63	87.63	87.63	87.63	0 8.864840e-01
##	816	1974-05-02 ^IXIC	87.97	87.97	87.97	87.97	0 3.879950e-01
##	817	1974-05-03 ^IXIC	87.47	87.47	87.47	87.47	0 -5.683756e-01
##	818	1974-05-06 ^IXIC	87.31	87.31	87.31	87.31	0 -1.829199e-01
	819	1974-05-07 ^IXIC	86.66	86.66	86.66	86.66	0 -7.444737e-01
	820	1974-05-08 ^IXIC	85.74	85.74	85.74	85.74	0 -1.061620e+00
	821	1974-05-09 ^IXIC	85.81	85.81	85.81	85.81	0 8.164217e-02
	822	1974-05-10 ^IXIC	84.30	84.30	84.30	84.30	0 -1.759702e+00
	823	1974-05-13 ^IXIC	83.18	83.18	83.18	83.18	0 -1.328588e+00
	824	1974-05-14 ^IXIC	83.16	83.16	83.16	83.16	0 -2.404424e-02
	825	1974-05-15 ^IXIC	83.51	83.51	83.51	83.51	0 4.208754e-01
	826	1974-05-16 ^IXIC	83.50	83.50	83.50	83.50	0 -1.197461e-02
##	827	1974-05-17 ^IXIC	81.93	81.93	81.93	81.93	0 -1.880240e+00
	828	1974-05-20 ^IXIC	81.43	81.43	81.43	81.43	0 -6.102771e-01
	829	1974-05-21 ^IXIC	81.29	81.29	81.29	81.29	0 -1.719268e-01
##	830	1974-05-22 ^IXIC	80.72	80.72	80.72	80.72	0 -7.011933e-01
##	831	1974-05-23 ^IXIC	80.55	80.55	80.55	80.55	0 -2.106046e-01
##	832	1974-05-24 ^IXIC	81.45	81.45	81.45	81.45	0 1.117318e+00
##	833	1974-05-28 ^IXIC	81.06	81.06	81.06	81.06	0 -4.788214e-01
##	834	1974-05-29 ^IXIC	79.78	79.78	79.78	79.78	0 -1.579077e+00
##	835	1974-05-30 ^IXIC	80.09	80.09	80.09	80.09	0 3.885686e-01
	836	1974-05-31 ^IXIC	80.20	80.20	80.20	80.20	0 1.373455e-01
	837	1974-06-03 ^IXIC	81.08	81.08	81.08	81.08	0 1.097257e+00
	838	1974-06-04 ^IXIC	81.77	81.77	81.77	81.77	0 8.510113e-01
	839	1974-06-05 ^IXIC	82.21	82.21	82.21	82.21	0 5.380947e-01
	840	1974-06-06 ÎXIC	83.20	83.20	83.20	83.20	
	841	1974-06-07 ^IXIC	83.71	83.71	83.71	83.71	0 6.129808e-01
	842	1974-06-10 ^IXIC	83.92	83.92	83.92	83.92	0 2.508661e-01
	843	1974-06-11 ^IXIC	83.34	83.34	83.34	83.34	0 -6.911344e-01
##	844	1974-06-12 ^IXIC	83.10	83.10	83.10	83.10	0 -2.879770e-01

##	845	1974-06-13 ^IXIC	83.24	83.24	83.24	83.24	0 1.684717e-01
	846	1974-06-14 ^IXIC	82.76	82.76	82.76	82.76	0 -5.766458e-01
	847	1974-06-17 ^IXIC	81.54	81.54	81.54	81.54	0 -1.474142e+00
	848	1974-06-18 ÎXIC	81.25	81.25	81.25	81.25	0 -3.556537e-01
	849	1974-06-19 ^IXIC	80.66	80.66	80.66	80.66	0 -7.261538e-01
	850	1974-06-20 ^IXIC	79.85	79.85	79.85	79.85	0 -1.004215e+00
	851	1974-06-21 ^IXIC	79.11	79.11	79.11	79.11	0 -9.267376e-01
	852	1974-06-24 ^IXIC	78.88	78.88	78.88	78.88	0 -2.907344e-01
	853	1974-06-25 ^IXIC	79.35	79.35	79.35	79.35	0 5.958418e-01
	854	1974-06-26 ^IXIC	78.27	78.27	78.27	78.27	0 -1.361059e+00
##	855	1974-06-27 ^IXIC	76.83	76.83	76.83	76.83	0 -1.839785e+00
##	856	1974-06-28 ^IXIC	75.96	75.96	75.96	75.96	0 -1.132370e+00
##	857	1974-07-01 ^IXIC	75.39	75.39	75.39	75.39	0 -7.503949e-01
##	858	1974-07-02 ^IXIC	73.81	73.81	73.81	73.81	0 -2.095769e+00
##	859	1974-07-03 ^IXIC	73.66	73.66	73.66	73.66	0 -2.032245e-01
##	860	1974-07-05 ^IXIC	73.57	73.57	73.57	73.57	0 -1.221830e-01
##	861	1974-07-08 ^IXIC	70.96	70.96	70.96	70.96	0 -3.547642e+00
##	862	1974-07-09 ^IXIC	70.59	70.59	70.59	70.59	0 -5.214205e-01
##	863	1974-07-10 ^IXIC	69.82	69.82	69.82	69.82	0 -1.090806e+00
##	864	1974-07-11 ^IXIC	69.95	69.95	69.95	69.95	0 1.861931e-01
##	865	1974-07-12 ^IXIC	71.68	71.68	71.68	71.68	0 2.473195e+00
##	866	1974-07-15 ^IXIC	71.98	71.98	71.98	71.98	0 4.185268e-01
##	867	1974-07-16 ^IXIC	71.63	71.63	71.63	71.63	0 -4.862462e-01
##	868	1974-07-17 ^IXIC	72.71	72.71	72.71	72.71	0 1.507748e+00
##	869	1974-07-18 ^IXIC	72.81	72.81	72.81	72.81	0 1.375327e-01
##	870	1974-07-19 ^IXIC	73.40	73.40	73.40	73.40	0 8.103283e-01
	871	1974-07-22 ^IXIC	73.42	73.42	73.42	73.42	0 2.724796e-02
##	872	1974-07-23 ^IXIC	74.44	74.44	74.44	74.44	0 1.389267e+00
	873	1974-07-24 ^IXIC	74.63	74.63	74.63	74.63	0 2.552391e-01
	874	1974-07-25 ^IXIC	73.51	73.51	73.51	73.51	0 -1.500737e+00
	875	1974-07-26 ^IXIC	72.83	72.83	72.83	72.83	0 -9.250442e-01
	876	1974-07-29 ^IXIC	71.49	71.49	71.49	71.49	0 -1.839901e+00
	877	1974-07-30 ^IXIC	71.30	71.30	71.30	71.30	0 -2.657714e-01
	878	1974-07-31 ^IXIC	69.99	69.99	69.99	69.99	0 -1.837307e+00
	879	1974-08-01 ^IXIC	69.63	69.63	69.63	69.63	0 -5.143592e-01
	880	1974-08-02 ^IXIC	69.40	69.40	69.40	69.40	0 -3.303174e-01
	881	1974-08-05 ^IXIC	69.67	69.67	69.67	69.67	0 3.890490e-01
	882	1974-08-06 ÎXIC	70.53	70.53	70.53	70.53	0 1.234391e+00
	883	1974-08-07 ^IXIC	71.68	71.68	71.68	71.68	0 1.630512e+00
	884	1974-08-08 ^IXIC	70.66	70.66	70.66	70.66	0 -1.422991e+00
	885	1974-08-09 ÎXIC	70.69	70.69	70.69	70.69	0 4.245684e-02
	886	1974-08-12 ÎXIC	70.36	70.36	70.36	70.36	0 -4.668270e-01
	887	1974-08-13 ÎXIC	68.82	68.82	68.82	68.82	0 -2.188744e+00
	888	1974-08-13 TXIC	67.25	67.25	67.25	67.25	0 -2.281314e+00
	889	1974-08-15 ^IXIC	66.88	66.88	66.88	66.88	0 -5.501859e-01
	890	1974-08-16 ^IXIC	65.86	65.86	65.86	65.86	0 -1.525120e+00
	891 892	1974-08-19 ^IXIC	65.13	65.13	65.13 65.72	65.13	0 -1.108412e+00 0 9.058805e-01
		1974-08-20 ^IXIC	65.72	65.72		65.72	
	893	1974-08-21 ^IXIC	64.92	64.92	64.92	64.92	0 -1.217285e+00
	894	1974-08-22 ^IXIC	63.59	63.59	63.59	63.59	0 -2.048675e+00
	895	1974-08-23 ^IXIC	62.57	62.57	62.57	62.57	0 -1.604026e+00
	896	1974-08-26 ^IXIC	62.94	62.94	62.94	62.94	0 5.913377e-01
	897	1974-08-27 ^IXIC	62.34	62.34	62.34	62.34	0 -9.532888e-01
##	898	1974-08-28 ^IXIC	62.43	62.43	62.43	62.43	0 1.443696e-01

##	900	1974-08-29 ^I	VTC 61	27 6	1.37	21 27	61 27	\wedge	1 6070000100
	899								-1.697902e+00
	900	1974-08-30 ^I						0	1.629461e+00
	901	1974-09-03 ^I							-2.388969e+00
##	902	1974-09-04 ^I	XIC 58.	95 5	8.95	58.95	58.95	0 -	-3.170171e+00
##	903	1974-09-05 ^I	XIC 60.	22 6	0.22	60.22	60.22	0	2.154368e+00
##	904	1974-09-06 ^I	XIC 60.	70 6	0.70	30.70	60.70	0	7.970774e-01
##	905	1974-09-09 ^I	XIC 59.	37 5	9.37	59.37	59.37	0 -	-2.191104e+00
##	906	1974-09-10 ^I	XIC 58.	97 5	8.97	58.97	58.97	0	-6.737409e-01
##	907	1974-09-11 ^I	XIC 58.	96 5			58.96	0 -	-1.695778e-02
	908	1974-09-12 ^I							-2.120081e+00
	909	1974-09-13 ^I						0 -	-1.819442e+00
	910	1974-09-16 ^I						0	1.023650e+00
	911	1974-09-17 ^I						0	8.385744e-01
	912	1974-09-18 ^I						0	6.930007e-01
	913	1974-09-19 ^I						0	2.408809e+00
	914	1974-09-20 ^I						0	6.384409e-01
	915	1974-09-23 ^I							-4.006678e-01
	916	1974-09-24 ^I							-1.374455e+00
	917	1974-09-25 ^I							-1.359619e-01
##	918	1974-09-26 ^I	XIC 57	87 5	7.87	57.87	57.87	0	-1.514636e+00
##	919	1974-09-27 ^I	XIC 57.	12 5	7.12	57.12	57.12	0 .	-1.296008e+00
##	920	1974-09-30 ^I	XIC 55.	67 5	5.67	55.67	55.67	0 .	-2.538515e+00
##	921	1974-10-01 ^I	XIC 55.	48 5	5.48	55.48	55.48	0 -	-3.412969e-01
##	922	1974-10-02 ^I	XIC 55.	67 5	5.67	55.67	55.67	0	3.424658e-01
##	923	1974-10-03 ^I	XIC 54.			54.87	54.87	0 .	-1.437040e+00
	924	1974-10-04 ^I						0	5.285220e-01
	925	1974-10-08 ^I						0	1.758521e+00
	926	1974-10-09 ^I						0	2.565473e+00
	927	1974-10-10 ^I						0	2.709745e+00
	928	1974-10-11 ^I						0	2.181634e+00
	929	1974-10-11 1.							2.161054e+00 2.168156e+00
								0	
	930	1974-10-15 ^I							-5.345861e-01
	931	1974-10-16 ^I							-3.420195e-01
	932	1974-10-17 ^I						0	1.389116e+00
	933	1974-10-18 ^I						0	1.144423e+00
	934	1974-10-21 ^I		82 6	3.82	63.82	63.82	0	1.705179e+00
##	935	1974-10-22 ^I					64.14	0	5.014102e-01
##	936	1974-10-23 ^I	XIC 63.	40 6	3.40	63.40	63.40	0	-1.153726e+00
##	937	1974-10-24 ^I	XIC 62.	60 6	2.60	62.60	62.60	0 .	-1.261830e+00
##	938	1974-10-25 ^I	XIC 62.	88 6	2.88	62.88	62.88	0	4.472843e-01
##	939	1974-10-28 ^I	XIC 62.	50 6	2.50	62.50	62.50	0 -	-6.043257e-01
##	940	1974-10-29 ^I	XIC 63.	67 6	3.67	63.67	63.67	0	1.872000e+00
##	941	1974-10-30 ^I	XIC 64.			64.88	64.88	0	1.900424e+00
	942	1974-10-31 ^I						0	5.394575e-01
	943	1974-11-01 ^I							-2.606163e-01
	944	1974-11-04 ^I							-6.762988e-01
	945	1974-11-05 ^I						0	2.120087e+00
	946	1974-11-06 ^IX						0	1.818457e-01
	947	1974-11-07 ^I						0	8.016941e-01
	948	1974-11-08 ^I							-1.950780e-01
	949	1974-11-11 ^I						0	3.157420e-01
	950	1974-11-12 ^I							-2.038369e+00
	951	1974-11-13 ^I							-5.813953e-01
##	952	1974-11-14 ^I	XIC 65.	04 6	5.04	65.04	65.04	0	9.233610e-02

##	953	1974-11-15 ^IXIO	64.41	64.41	64.41	64.41	0 -9.686347e-01
	954	1974-11-18 ^IXIO		62.09	62.09	62.09	0 -3.601925e+00
	955	1974-11-19 ^IXIO		60.93	60.93	60.93	0 -1.868256e+00
	956	1974-11-20 ^IXIO		60.75	60.75	60.75	0 -2.954210e-01
	957	1974-11-21 ^IXIC		61.49	61.49	61.49	0 1.218107e+00
	958	1974-11-22 ^IXIO		62.07	62.07	62.07	0 9.432428e-01
	959	1974-11-25 ^IXIC		61.68	61.68	61.68	0 -6.283229e-01
	960	1974-11-26 ^IXIO		62.65	62.65	62.65	0 1.572633e+00
	961	1974-11-27 ^IXIO		62.80	62.80	62.80	0 2.394254e-01
	962	1974-11-29 ^IXIO		62.95	62.95	62.95	0 2.388535e-01
##	963	1974-12-02 ^IXIO	61.66	61.66	61.66	61.66	0 -2.049245e+00
##	964	1974-12-03 ^IXIO		60.50	60.50	60.50	0 -1.881284e+00
##	965	1974-12-04 ^IXIO	60.41	60.41	60.41	60.41	0 -1.487603e-01
##	966	1974-12-05 ^IXIO	58.92	58.92	58.92	58.92	0 -2.466479e+00
##	967	1974-12-06 ^IXIO	58.21	58.21	58.21	58.21	0 -1.205024e+00
##	968	1974-12-09 ^IXIO	57.91	57.91	57.91	57.91	0 -5.153754e-01
##	969	1974-12-10 ^IXIO	58.76	58.76	58.76	58.76	0 1.467795e+00
##	970	1974-12-11 ^IXIO	59.27	59.27	59.27	59.27	0 8.679374e-01
##	971	1974-12-12 ^IXIO	59.36	59.36	59.36	59.36	0 1.518475e-01
##	972	1974-12-13 ^IXIO	59.22	59.22	59.22	59.22	0 -2.358491e-01
##	973	1974-12-16 ^IXIO	58.85	58.85	58.85	58.85	0 -6.247889e-01
##	974	1974-12-17 ^IXIO	59.18	59.18	59.18	59.18	0 5.607477e-01
##	975	1974-12-18 ^IXIO	59.63	59.63	59.63	59.63	0 7.603920e-01
##	976	1974-12-19 ^IXIO	59.46	59.46	59.46	59.46	0 -2.850914e-01
##	977	1974-12-20 ^IXIO	58.67	58.67	58.67	58.67	0 -1.328624e+00
##	978	1974-12-23 ^IXIO	57.86	57.86	57.86	57.86	0 -1.380603e+00
##	979	1974-12-24 ^IXIO	58.31	58.31	58.31	58.31	0 7.777394e-01
##	980	1974-12-26 ^IXIO	58.88	58.88	58.88	58.88	0 9.775339e-01
##	981	1974-12-27 ^IXIO	58.74	58.74	58.74	58.74	0 -2.377717e-01
##	982	1974-12-30 ^IXIO	58.78	58.78	58.78	58.78	0 6.809670e-02
##	983	1974-12-31 ^IXIO	59.82	59.82	59.82	59.82	0 1.769309e+00
##	984	1975-01-02 ^IXIO	60.70	60.70	60.70	60.70	0 1.471080e+00
##	985	1975-01-03 ^IXIO	61.23	61.23	61.23	61.23	0 8.731466e-01
##	986	1975-01-06 ^IXIO		61.74	61.74	61.74	0 8.329250e-01
##	987	1975-01-07 ^IXIO		61.89	61.89	61.89	0 2.429543e-01
	988	1975-01-08 ^IXIO		61.50	61.50	61.50	0 -6.301503e-01
	989	1975-01-09 ^IXIO		62.37	62.37	62.37	0 1.414634e+00
	990	1975-01-10 ^IXIO		63.69	63.69	63.69	0 2.116402e+00
	991	1975-01-13 ^IXIC		63.34	63.34	63.34	0 -5.495368e-01
	992	1975-01-14 ^IXIO		63.11	63.11	63.11	0 -3.631197e-01
	993	1975-01-15 ^IXIO		63.87	63.87	63.87	0 1.204247e+00
	994	1975-01-16 ^IXIO		64.80	64.80	64.80	0 1.456083e+00
	995	1975-01-17 ^IXIO		64.40	64.40	64.40	0 -6.172840e-01
	996	1975-01-20 ^IXIO		64.44	64.44	64.44	0 6.211180e-02
	997	1975-01-21 ^IXIO		64.18	64.18	64.18	0 -4.034761e-01
	998	1975-01-22 ^IXIO		64.12	64.12	64.12	0 -9.348707e-02
	999	1975-01-23 ^IXIO		64.49	64.49	64.49	0 5.770430e-01
	1000	1975-01-24 ^IXIO		65.38	65.38	65.38	0 1.380059e+00
	1001	1975-01-27 ^IXIO		67.04	67.04	67.04	0 2.539003e+00
	1001	1975-01-28 ^IXIO		67.92	67.92	67.92	0 1.312649e+00
	1002	1975-01-29 ^IXIO		69.08	69.08	69.08	0 1.312043e+00
	1003	1975-01-29 TXIC		68.99	68.99	68.99	0 -1.302837e-01
	1004	1975-01-30 IXIC		69.78	69.78	69.78	
	1005						
##	1000	1975-02-03 ^IXIC	70.73	70.73	70.73	70.73	0 1.361422e+00

```
## 1007
         1975-02-04 ^IXIC
                              70.13
                                       70.13
                                               70.13
                                                        70.13
                                                                      0 -8.482963e-01
                              71.07
                                               71.07
## 1008
         1975-02-05 ^IXIC
                                       71.07
                                                        71.07
                                                                      0
                                                                          1.340368e+00
  1009
         1975-02-06 ^IXIC
                              71.46
                                       71.46
                                               71.46
                                                        71.46
                                                                          5.487547e-01
         1975-02-07 ^IXIC
  1010
                              71.12
                                               71.12
                                                        71.12
                                                                        -4.757907e-01
                                       71.12
                                                                      0
##
  1011
         1975-02-10 ^IXIC
                              70.82
                                       70.82
                                               70.82
                                                        70.82
                                                                      0
                                                                        -4.218223e-01
## 1012
                              70.83
                                               70.83
         1975-02-11 ^IXIC
                                       70.83
                                                        70.83
                                                                      0
                                                                          1.412030e-02
## 1013
         1975-02-12 ^IXIC
                              71.59
                                       71.59
                                               71.59
                                                        71.59
                                                                      0
                                                                          1.072992e+00
## 1014
         1975-02-13 ^IXIC
                              72.88
                                       72.88
                                               72.88
                                                        72.88
                                                                      0
                                                                          1.801928e+00
## 1015
         1975-02-14 ^IXIC
                              73.26
                                       73.26
                                               73.26
                                                        73.26
                                                                      0
                                                                          5.214050e-01
## 1016
         1975-02-18 ^IXIC
                              72.47
                                       72.47
                                               72.47
                                                        72.47
                                                                      0
                                                                        -1.078351e+00
## 1017
         1975-02-19 ^IXIC
                              72.87
                                       72.87
                                               72.87
                                                        72.87
                                                                      0
                                                                         5.519525e-01
         1975-02-20 ^IXIC
                              73.58
##
  1018
                                       73.58
                                               73.58
                                                        73.58
                                                                      0
                                                                          9.743379e-01
##
  1019
         1975-02-21 ^IXIC
                              73.79
                                       73.79
                                               73.79
                                                                      0
                                                                          2.854036e-01
                                                        73.79
                              73.14
                                               73.14
## 1020
         1975-02-24 ^IXIC
                                       73.14
                                                        73.14
                                                                      0 -8.808782e-01
## 1021
         1975-02-25 ^IXIC
                              72.07
                                       72.07
                                               72.07
                                                        72.07
                                                                      0
                                                                        -1.462948e+00
## 1022
         1975-02-26 ^IXIC
                              72.24
                                       72.24
                                               72.24
                                                        72.24
                                                                      0
                                                                          2.358818e-01
                              72.53
## 1023
         1975-02-27 ^IXIC
                                       72.53
                                               72.53
                                                        72.53
                                                                      0
                                                                          4.014396e-01
  1024
         1975-02-28 ^IXIC
                              73.00
                                       73.00
                                               73.00
                                                        73.00
                                                                          6.480077e-01
         1975-03-03 ^IXIC
                              73.83
                                               73.83
##
  1025
                                       73.83
                                                        73.83
                                                                      0
                                                                          1.136986e+00
  1026
         1975-03-04 ^IXIC
                              74.21
                                       74.21
                                               74.21
                                                        74.21
                                                                      0
                                                                         5.146959e-01
## 1027
         1975-03-05 ^IXIC
                              73.90
                                       73.90
                                               73.90
                                                        73.90
                                                                      0
                                                                        -4.177335e-01
## 1028
         1975-03-06 ^IXIC
                              74.03
                                               74.03
                                       74.03
                                                        74.03
                                                                      0
                                                                         1.759134e-01
         1975-03-07 ^IXIC
## 1029
                              74.40
                                               74.40
                                                        74.40
                                       74.40
                                                                      0
                                                                          4.997974e-01
                              74.88
                                               74.88
## 1030
         1975-03-10 ^IXIC
                                       74.88
                                                        74.88
                                                                      0
                                                                          6.451613e-01
## 1031
         1975-03-11 ^IXIC
                              75.04
                                       75.04
                                               75.04
                                                        75.04
                                                                      0
                                                                          2.136752e-01
  1032
         1975-03-12 ^IXIC
                              74.13
                                       74.13
                                               74.13
                                                        74.13
                                                                      0
                                                                        -1.212687e+00
  1033
         1975-03-13 ^IXIC
                              74.68
                                               74.68
                                                        74.68
##
                                       74.68
                                                                      0
                                                                         7.419398e-01
##
   1034
         1975-03-14 ^IXIC
                              76.07
                                       76.07
                                               76.07
                                                        76.07
                                                                      0
                                                                          1.861275e+00
## 1035
                              76.27
                                               76.27
                                                                          2.629157e-01
         1975-03-17 ^IXIC
                                       76.27
                                                        76.27
                                                                      0
                                                                      0 -1.180018e-01
## 1036
         1975-03-18 ^IXIC
                              76.18
                                               76.18
                                                        76.18
                                       76.18
         1975-03-19 ^IXIC
## 1037
                              75.67
                                       75.67
                                               75.67
                                                        75.67
                                                                      0
                                                                        -6.694671e-01
##
  1038
         1975-03-20 ^IXIC
                              75.78
                                       75.78
                                               75.78
                                                        75.78
                                                                      0
                                                                          1.453680e-01
   1039
         1975-03-21 ^IXIC
                              75.92
                                       75.92
                                               75.92
                                                        75.92
                                                                      0
                                                                          1.847453e-01
  1040
         1975-03-24 ^IXIC
                              74.42
                                               74.42
                                                        74.42
                                       74.42
                                                                      0 -1.975764e+00
##
   1041
         1975-03-25 ^IXIC
                              74.33
                                               74.33
                                                        74.33
                                                                        -1.209352e-01
                                       74.33
                                                                      0
## 1042
                              75.56
                                               75.56
         1975-03-26 ^IXIC
                                       75.56
                                                        75.56
                                                                      0
                                                                         1.654783e+00
## 1043
         1975-03-27 ^IXIC
                              76.18
                                       76.18
                                               76.18
                                                        76.18
                                                                         8.205400e-01
## 1044
         1975-03-31 ^IXIC
                              75.66
                                               75.66
                                                        75.66
                                                                      0 -6.825939e-01
                                       75.66
## 1045
         1975-04-01 ^IXIC
                              75.42
                                               75.42
                                                                        -3.172086e-01
                                       75.42
                                                        75.42
                                                                      0
                              75.62
## 1046
         1975-04-02 ^IXIC
                                       75.62
                                               75.62
                                                                      0
                                                                          2.651816e-01
                                                        75.62
  1047
         1975-04-03 ^IXIC
                              74.95
                                       74.95
                                               74.95
                                                        74.95
                                                                        -8.860090e-01
  1048
         1975-04-04 ^IXIC
                              74.73
                                               74.73
                                                        74.73
                                                                      0
                                                                        -2.935290e-01
##
                                       74.73
##
  1049
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                              74.34
                                       74.34
                                               74.34
                                                        74.34
                                                                      0
                                                                        -5.218788e-01
                              74.53
##
  1050
         1975-04-08 ^IXIC
                                       74.53
                                               74.53
                                                                      0
                                                                         2.555825e-01
                                                        74.53
                              75.40
## 1051
         1975-04-09 ^IXIC
                                       75.40
                                               75.40
                                                        75.40
                                                                      0
                                                                         1.167315e+00
         1975-04-10 ^IXIC
                              75.76
                                               75.76
## 1052
                                       75.76
                                                        75.76
                                                                      0
                                                                         4.774536e-01
## 1053
         1975-04-11 ^IXIC
                              76.31
                                       76.31
                                               76.31
                                                        76.31
                                                                      0
                                                                         7.259768e-01
## 1054
         1975-04-14 ^IXIC
                              77.33
                                       77.33
                                               77.33
                                                        77.33
                                                                      0
                                                                          1.336653e+00
  1055
         1975-04-15 ^IXIC
                              77.51
                                       77.51
                                               77.51
                                                        77.51
                                                                      0
                                                                          2.327687e-01
   1056
         1975-04-16 ^IXIC
                              78.00
                                       78.00
                                               78.00
                                                        78.00
                                                                      0
                                                                          6.321765e-01
                              78.26
                                               78.26
##
  1057
         1975-04-17 ^IXIC
                                       78.26
                                                        78.26
                                                                      0
                                                                          3.33333e-01
## 1058
         1975-04-18 ^IXIC
                              78.08
                                       78.08
                                               78.08
                                                        78.08
                                                                      0 -2.300026e-01
         1975-04-21 ^IXIC
## 1059
                              79.08
                                       79.08
                                               79.08
                                                        79.08
                                                                      0
                                                                          1.280738e+00
## 1060
         1975-04-22 ^IXIC
                              78.54
                                       78.54
                                               78.54
                                                        78.54
                                                                      0 -6.828528e-01
```

```
## 1061
         1975-04-23 ^IXIC
                              78.24
                                       78.24
                                               78.24
                                                        78.24
                                                                      0 -3.819710e-01
                                               78.07
## 1062
         1975-04-24 ^IXIC
                              78.07
                                       78.07
                                                        78.07
                                                                      0 -2.172802e-01
  1063
         1975-04-25 ^IXIC
                              78.64
                                       78.64
                                               78.64
                                                        78.64
                                                                         7.301140e-01
  1064
         1975-04-28 ^IXIC
                              78.28
                                               78.28
                                                        78.28
                                                                      0 -4.577823e-01
##
                                       78.28
##
   1065
         1975-04-29 ^IXIC
                              77.82
                                       77.82
                                               77.82
                                                        77.82
                                                                      0
                                                                        -5.876341e-01
                              78.54
                                                                         9.252120e-01
##
  1066
         1975-04-30 ^IXIC
                                       78.54
                                               78.54
                                                        78.54
                                                                      0
## 1067
         1975-05-01 ^IXIC
                              79.27
                                       79.27
                                               79.27
                                                        79.27
                                                                      0
                                                                          9.294627e-01
## 1068
         1975-05-02 ^IXIC
                              80.25
                                       80.25
                                               80.25
                                                        80.25
                                                                      0
                                                                          1.236281e+00
##
  1069
         1975-05-05 ^IXIC
                              81.14
                                       81.14
                                               81.14
                                                        81.14
                                                                      0
                                                                          1.109034e+00
  1070
         1975-05-06 ^IXIC
                              80.81
                                       80.81
                                               80.81
                                                        80.81
                                                                      0
                                                                        -4.067045e-01
  1071
         1975-05-07 ^IXIC
                              81.31
                                       81.31
                                               81.31
                                                        81.31
                                                                      0
                                                                          6.187353e-01
  1072
         1975-05-08 ^IXIC
##
                              82.12
                                       82.12
                                               82.12
                                                        82.12
                                                                      0
                                                                         9.961874e-01
                                                                         8.524111e-01
##
  1073
         1975-05-09 ^IXIC
                              82.82
                                       82.82
                                               82.82
                                                                      0
                                                        82.82
                              82.30
                                       82.30
                                               82.30
## 1074
         1975-05-12 ^IXIC
                                                        82.30
                                                                      0 -6.278677e-01
## 1075
         1975-05-13 ^IXIC
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                                               82.35
                                                                      0
                                                                          6.075334e-02
                                       82.35
                                                        82.35
  1076
         1975-05-14 ^IXIC
                              82.91
                                       82.91
                                               82.91
                                                        82.91
                                                                      0
                                                                          6.800243e-01
                              82.79
##
  1077
         1975-05-15 ^IXIC
                                       82.79
                                               82.79
                                                        82.79
                                                                      0 -1.447353e-01
   1078
         1975-05-16 ^IXIC
                              82.44
                                               82.44
                                                        82.44
                                                                      0 -4.227564e-01
                                       82.44
         1975-05-19 ^IXIC
                              81.99
                                               81.99
##
  1079
                                       81.99
                                                        81.99
                                                                      0 -5.458515e-01
   1080
         1975-05-20 ^IXIC
                              81.82
                                       81.82
                                               81.82
                                                        81.82
                                                                      0
                                                                        -2.073424e-01
##
  1081
         1975-05-21 ^IXIC
                              80.95
                                       80.95
                                               80.95
                                                        80.95
                                                                      0
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  1082
                              81.56
                                               81.56
         1975-05-22 ^IXIC
                                       81.56
                                                        81.56
                                                                         7.535516e-01
         1975-05-23 ^IXIC
## 1083
                              82.62
                                               82.62
                                       82.62
                                                        82.62
                                                                      0
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                              82.49
##
  1084
         1975-05-27 ^IXIC
                                       82.49
                                               82.49
                                                        82.49
                                                                      0
                                                                        -1.573469e-01
## 1085
         1975-05-28 ^IXIC
                              81.98
                                       81.98
                                               81.98
                                                        81.98
                                                                      0
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  1086
         1975-05-29 ^IXIC
                              81.78
                                       81.78
                                               81.78
                                                        81.78
                                                                      0
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##
                              83.10
                                       83.10
                                                        83.10
                                                                      0
                                                                          1.614087e+00
##
   1088
         1975-06-02 ^IXIC
                              83.88
                                       83.88
                                               83.88
                                                        83.88
                                                                      0
                                                                          9.386282e-01
  1089
##
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                                       84.14
                                               84.14
                                                        84.14
                                                                      0
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## 1090
         1975-06-04 ^IXIC
                              84.04
                                       84.04
                                               84.04
                                                        84.04
                                                                      0 -1.188495e-01
##
  1091
         1975-06-05 ^IXIC
                              84.24
                                       84.24
                                               84.24
                                                        84.24
                                                                      0
                                                                          2.379819e-01
##
   1092
         1975-06-06 ^IXIC
                              84.77
                                       84.77
                                               84.77
                                                        84.77
                                                                      0
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         1975-06-09 ^IXIC
                              84.01
                                       84.01
                                               84.01
                                                        84.01
                                                                        -8.965436e-01
  1094
         1975-06-10 ^IXIC
                              83.40
                                       83.40
                                               83.40
                                                        83.40
                                                                      0
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##
   1095
         1975-06-11 ^IXIC
                              83.60
                                               83.60
                                                        83.60
                                                                          2.398082e-01
                                       83.60
                                                                      0
                              82.99
##
  1096
         1975-06-12 ^IXIC
                                       82.99
                                               82.99
                                                        82.99
                                                                      0 -7.296651e-01
## 1097
         1975-06-13 ^IXIC
                              83.43
                                       83.43
                                               83.43
                                                        83.43
                                                                         5.301844e-01
## 1098
         1975-06-16 ^IXIC
                              84.01
                                               84.01
                                                        84.01
                                                                      0
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                                       84.01
                              83.43
                                               83.43
                                                                         -6.903940e-01
  1099
         1975-06-17 ^IXIC
                                       83.43
                                                        83.43
                                                                      0
                                                        83.47
                                                                      0
## 1100
         1975-06-18 ^IXIC
                              83.47
                                       83.47
                                               83.47
                                                                          4.794438e-02
  1101
         1975-06-19 ^IXIC
                              84.55
                                       84.55
                                               84.55
                                                        84.55
                                                                      0
                                                                         1.293878e+00
  1102
         1975-06-20 ^IXIC
                              85.24
                                               85.24
                                                                      0
                                                                         8.160852e-01
##
                                       85.24
                                                        85.24
##
  1103
         1975-06-23 ^IXIC
                              85.77
                                       85.77
                                               85.77
                                                        85.77
                                                                      0
                                                                          6.217738e-01
         1975-06-24 ^IXIC
                              86.23
                                               86.23
                                                                      0
## 1104
                                       86.23
                                                        86.23
                                                                         5.363181e-01
## 1105
         1975-06-25 ^IXIC
                              86.30
                                       86.30
                                               86.30
                                                        86.30
                                                                      0
                                                                          8.117824e-02
         1975-06-26 ^IXIC
                              86.45
                                               86.45
                                                                      0
## 1106
                                       86.45
                                                        86.45
                                                                          1.738123e-01
## 1107
         1975-06-27 ^IXIC
                              86.50
                                       86.50
                                               86.50
                                                        86.50
                                                                      0
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  1108
         1975-06-30 ^IXIC
                              87.02
                                       87.02
                                               87.02
                                                        87.02
                                                                      0
                                                                          6.011561e-01
         1975-07-01 ^IXIC
## 1109
                              86.33
                                       86.33
                                               86.33
                                                        86.33
                                                                      0 -7.929212e-01
  1110
         1975-07-02 ^IXIC
                              85.64
                                       85.64
                                               85.64
                                                        85.64
                                                                      0
                                                                        -7.992587e-01
                              86.20
## 1111
         1975-07-03 ^IXIC
                                       86.20
                                               86.20
                                                        86.20
                                                                      0
                                                                          6.539000e-01
## 1112
         1975-07-07 ^IXIC
                              85.60
                                       85.60
                                               85.60
                                                        85.60
                                                                      0 -6.960557e-01
         1975-07-08 ^IXIC
## 1113
                              85.39
                                       85.39
                                               85.39
                                                                      0 -2.453271e-01
                                                        85.39
## 1114
         1975-07-09 ^IXIC
                              86.50
                                       86.50
                                               86.50
                                                        86.50
                                                                          1.299918e+00
```

```
## 1115
         1975-07-10 ^IXIC
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                                       86.83
                                               86.83
                                                        86.83
                                                                         3.815029e-01
                                               87.20
## 1116
         1975-07-11 ^IXIC
                              87.20
                                       87.20
                                                        87.20
                                                                      0
                                                                         4.261200e-01
## 1117
         1975-07-14 ^IXIC
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                                       87.58
                                               87.58
                                                        87.58
                                                                         4.357798e-01
## 1118
         1975-07-15 ^IXIC
                              88.00
                                               88.00
                                                                         4.795615e-01
                                       88.00
                                                        88.00
                                                                      0
## 1119
         1975-07-16 ^IXIC
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                                       87.39
                                               87.39
                                                        87.39
                                                                      0 -6.931818e-01
## 1120
         1975-07-17 ^IXIC
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                                               87.13
                                                        87.13
                                                                      0 -2.975169e-01
                                       87.13
## 1121
         1975-07-18 ^IXIC
                              87.02
                                       87.02
                                               87.02
                                                        87.02
                                                                      0 -1.262481e-01
## 1122
         1975-07-21 ^IXIC
                              86.77
                                       86.77
                                               86.77
                                                        86.77
                                                                      0 -2.872903e-01
## 1123
         1975-07-22 ^IXIC
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                                       85.72
                                               85.72
                                                        85.72
                                                                      0 -1.210096e+00
## 1124
         1975-07-23 ^IXIC
                              84.62
                                       84.62
                                               84.62
                                                        84.62
                                                                      0 -1.283248e+00
## 1125
         1975-07-24 ^IXIC
                              84.14
                                       84.14
                                               84.14
                                                        84.14
                                                                      0 -5.672418e-01
         1975-07-25 ^IXIC
## 1126
                              83.60
                                       83.60
                                               83.60
                                                        83.60
                                                                      0 -6.417875e-01
## 1127
         1975-07-28 ^IXIC
                              83.09
                                       83.09
                                               83.09
                                                                      0 -6.100478e-01
                                                        83.09
                              82.67
                                       82.67
                                               82.67
## 1128
         1975-07-29 ^IXIC
                                                        82.67
                                                                      0 -5.054760e-01
## 1129
         1975-07-30 ^IXIC
                              83.03
                                               83.03
                                                                      0
                                       83.03
                                                        83.03
                                                                         4.354663e-01
## 1130
         1975-07-31 ^IXIC
                              83.19
                                       83.19
                                               83.19
                                                        83.19
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## 1131
         1975-08-01 ^IXIC
                              81.62
                                               81.62
                                                                      0 -1.887246e+00
                                       81.62
                                                        81.62
  1132
         1975-08-04 ^IXIC
                              80.98
                                               80.98
                                                        80.98
                                                                      0 -7.841215e-01
                                       80.98
         1975-08-05 ^IXIC
## 1133
                                       80.17
                              80.17
                                               80.17
                                                        80.17
                                                                      0 -1.000247e+00
## 1134
         1975-08-06 ^IXIC
                              80.24
                                      80.24
                                               80.24
                                                        80.24
                                                                      0
                                                                         8.731446e-02
## 1135
         1975-08-07 ^IXIC
                              79.59
                                      79.59
                                               79.59
                                                        79.59
                                                                      0 -8.100698e-01
                              79.55
                                               79.55
## 1136
         1975-08-08 ^IXIC
                                       79.55
                                                        79.55
                                                                      0 -5.025757e-02
         1975-08-11 ^IXIC
                              79.45
## 1137
                                      79.45
                                               79.45
                                                        79.45
                                                                      0 -1.257071e-01
                              79.60
## 1138
         1975-08-12 ^IXIC
                                      79.60
                                               79.60
                                                        79.60
                                                                      0
                                                                         1.887980e-01
## 1139
         1975-08-13 ^IXIC
                              79.09
                                       79.09
                                               79.09
                                                        79.09
                                                                      0 -6.407035e-01
## 1140
         1975-08-14 ^IXIC
                              78.45
                                       78.45
                                               78.45
                                                        78.45
                                                                      0 -8.092047e-01
## 1141
         1975-08-15 ^IXIC
                              78.58
                                               78.58
                                       78.58
                                                        78.58
                                                                      0
                                                                         1.657106e-01
## 1142
         1975-08-18 ^IXIC
                              78.03
                                       78.03
                                               78.03
                                                        78.03
                                                                      0 -6.999236e-01
                              76.65
                                               76.65
## 1143
         1975-08-19 ^IXIC
                                       76.65
                                                        76.65
                                                                      0 -1.768551e+00
## 1144
         1975-08-20 ^IXIC
                              75.52
                                       75.52
                                               75.52
                                                        75.52
                                                                      0 -1.474234e+00
         1975-08-21 ^IXIC
## 1145
                              75.90
                                       75.90
                                               75.90
                                                        75.90
                                                                      0
                                                                         5.031780e-01
## 1146
         1975-08-22 ^IXIC
                              76.45
                                       76.45
                                               76.45
                                                        76.45
                                                                      0
                                                                         7.246377e-01
  1147
         1975-08-25 ^IXIC
                              76.84
                                       76.84
                                               76.84
                                                        76.84
                                                                      0
                                                                         5.101373e-01
## 1148
         1975-08-26 ^IXIC
                              76.21
                                       76.21
                                               76.21
                                                        76.21
                                                                      0
                                                                        -8.198855e-01
  1149
         1975-08-27 ^IXIC
                              76.57
                                               76.57
                                                                         4.723790e-01
                                       76.57
                                                        76.57
                                                                      0
                              78.06
## 1150
         1975-08-28 ^IXIC
                                      78.06
                                               78.06
                                                        78.06
                                                                      0
                                                                         1.945932e+00
## 1151
         1975-08-29 ^IXIC
                              79.01
                                       79.01
                                               79.01
                                                        79.01
                                                                      0
                                                                         1.217013e+00
## 1152
         1975-09-02 ^IXIC
                              77.89
                                               77.89
                                                        77.89
                                                                      0
                                                                        -1.417542e+00
                                       77.89
## 1153
         1975-09-03 ^IXIC
                              78.08
                                               78.08
                                       78.08
                                                        78.08
                                                                      0
                                                                         2.439338e-01
                              78.13
## 1154
         1975-09-04 ^IXIC
                                               78.13
                                                                      0
                                                                         6.403689e-02
                                      78.13
                                                        78.13
## 1155
         1975-09-05 ^IXIC
                              77.78
                                       77.78
                                               77.78
                                                        77.78
                                                                      0 -4.479713e-01
## 1156
         1975-09-08 ^IXIC
                              77.46
                                               77.46
                                                        77.46
                                       77.46
                                                                      0 -4.114168e-01
## 1157
         1975-09-09 ^IXIC
                              76.60
                                      76.60
                                               76.60
                                                        76.60
                                                                      0 -1.110250e+00
         1975-09-10 ^IXIC
                              75.24
                                               75.24
## 1158
                                      75.24
                                                        75.24
                                                                      0 -1.775457e+00
                              74.85
## 1159
         1975-09-11 ^IXIC
                                      74.85
                                               74.85
                                                        74.85
                                                                      0 -5.183413e-01
         1975-09-12 ^IXIC
                              74.72
                                               74.72
                                                        74.72
## 1160
                                       74.72
                                                                      0 -1.736807e-01
## 1161
         1975-09-15 ^IXIC
                              74.47
                                      74.47
                                               74.47
                                                        74.47
                                                                      0 -3.345824e-01
## 1162
         1975-09-16 ^IXIC
                              73.78
                                       73.78
                                               73.78
                                                        73.78
                                                                      0 -9.265476e-01
         1975-09-17 ^IXIC
## 1163
                              73.87
                                       73.87
                                               73.87
                                                        73.87
                                                                      0
                                                                         1.219843e-01
## 1164
         1975-09-18 ^IXIC
                              74.78
                                       74.78
                                               74.78
                                                        74.78
                                                                      0
                                                                         1.231894e+00
## 1165
         1975-09-19 ^IXIC
                              76.39
                                      76.39
                                               76.39
                                                        76.39
                                                                      0
                                                                         2.152982e+00
## 1166
         1975-09-22 ^IXIC
                              75.86
                                       75.86
                                               75.86
                                                        75.86
                                                                      0 -6.938081e-01
         1975-09-23 ^IXIC
## 1167
                              75.94
                                       75.94
                                               75.94
                                                        75.94
                                                                      0
                                                                         1.054574e-01
                                       76.43
## 1168
         1975-09-24 ^IXIC
                              76.43
                                               76.43
                                                                         6.452462e-01
                                                        76.43
```

```
## 1169
         1975-09-25 ^IXIC
                              76.10
                                       76.10
                                               76.10
                                                        76.10
                                                                      0 -4.317676e-01
## 1170
         1975-09-26 ^IXIC
                              76.14
                                       76.14
                                               76.14
                                                                         5.256242e-02
                                                        76.14
         1975-09-29 ^IXIC
## 1171
                              75.37
                                       75.37
                                               75.37
                                                        75.37
                                                                      0 -1.011295e+00
## 1172
         1975-09-30 ^IXIC
                              74.33
                                               74.33
                                                        74.33
                                                                      0 -1.379859e+00
                                       74.33
##
  1173
         1975-10-01 ^IXIC
                              73.80
                                       73.80
                                               73.80
                                                        73.80
                                                                      0
                                                                        -7.130365e-01
## 1174
         1975-10-02 ^IXIC
                              74.16
                                      74.16
                                               74.16
                                                        74.16
                                                                      0
                                                                         4.878049e-01
                              75.50
## 1175
         1975-10-03 ^IXIC
                                       75.50
                                               75.50
                                                        75.50
                                                                      0
                                                                         1.806904e+00
## 1176
         1975-10-06 ^IXIC
                              76.03
                                                                         7.019868e-01
                                       76.03
                                               76.03
                                                        76.03
                                                                      0
## 1177
         1975-10-07 ^IXIC
                              75.88
                                      75.88
                                               75.88
                                                        75.88
                                                                      0
                                                                        -1.972905e-01
## 1178
         1975-10-08 ^IXIC
                              76.61
                                       76.61
                                               76.61
                                                        76.61
                                                                      0
                                                                         9.620453e-01
## 1179
         1975-10-09 ^IXIC
                              76.87
                                       76.87
                                               76.87
                                                        76.87
                                                                      0
                                                                         3.393813e-01
         1975-10-10 ^IXIC
  1180
                              76.96
                                                        76.96
##
                                       76.96
                                               76.96
                                                                      0
                                                                         1.170808e-01
##
  1181
         1975-10-13 ^IXIC
                              77.70
                                      77.70
                                               77.70
                                                        77.70
                                                                      0
                                                                         9.615385e-01
                                       78.19
## 1182
         1975-10-14 ^IXIC
                              78.19
                                               78.19
                                                        78.19
                                                                      0
                                                                         6.306306e-01
## 1183
         1975-10-15 ^IXIC
                              78.20
                                       78.20
                                               78.20
                                                        78.20
                                                                      0
                                                                         1.278936e-02
## 1184
         1975-10-17 ^IXIC
                              77.63
                                       77.63
                                               77.63
                                                        77.63
                                                                      0
                                                                        -7.289003e-01
                              78.13
## 1185
         1975-10-20 ^IXIC
                                       78.13
                                               78.13
                                                                      0
                                                                         6.440809e-01
                                                        78.13
  1186
         1975-10-21 ^IXIC
                              78.43
                                               78.43
                                                        78.43
                                                                      0
                                                                         3.839754e-01
                                       78.43
## 1187
         1975-10-22 ^IXIC
                              78.91
                                               78.91
                                       78.91
                                                        78.91
                                                                      0
                                                                         6.120107e-01
  1188
         1975-10-23 ^IXIC
                              78.06
                                       78.06
                                               78.06
                                                        78.06
                                                                      0
                                                                        -1.077177e+00
## 1189
         1975-10-24 ^IXIC
                              78.62
                                      78.62
                                               78.62
                                                        78.62
                                                                      0
                                                                         7.173969e-01
## 1190
                              78.29
                                               78.29
                                                        78.29
         1975-10-27 ^IXIC
                                       78.29
                                                                        -4.197405e-01
         1975-10-28 ^IXIC
                              78.73
                                               78.73
## 1191
                                      78.73
                                                        78.73
                                                                      0
                                                                         5.620130e-01
                              77.58
                                               77.58
## 1192
         1975-10-29 ^IXIC
                                      77.58
                                                        77.58
                                                                      0
                                                                        -1.460688e+00
## 1193
         1975-10-30 ^IXIC
                              77.45
                                      77.45
                                               77.45
                                                        77.45
                                                                      0 -1.675690e-01
## 1194
         1975-10-31 ^IXIC
                              76.99
                                       76.99
                                               76.99
                                                        76.99
                                                                      0
                                                                        -5.939316e-01
## 1195
         1975-11-03 ^IXIC
                              76.62
                                               76.62
                                                        76.62
                                                                      0 -4.805819e-01
                                       76.62
##
  1196
         1975-11-04 ^IXIC
                              76.86
                                       76.86
                                               76.86
                                                        76.86
                                                                      0
                                                                         3.132341e-01
                              77.30
                                               77.30
## 1197
         1975-11-05 ^IXIC
                                       77.30
                                                        77.30
                                                                      0
                                                                         5.724694e-01
## 1198
         1975-11-06 ^IXIC
                              77.39
                                       77.39
                                               77.39
                                                        77.39
                                                                      0
                                                                         1.164295e-01
## 1199
         1975-11-07 ^IXIC
                              77.21
                                      77.21
                                               77.21
                                                        77.21
                                                                      0 -2.325882e-01
## 1200
         1975-11-10 ^IXIC
                              77.46
                                      77.46
                                               77.46
                                                        77.46
                                                                      0
                                                                         3.237923e-01
  1201
         1975-11-11 ^IXIC
                              78.00
                                       78.00
                                               78.00
                                                        78.00
                                                                      0
                                                                         6.971340e-01
  1202
         1975-11-12 ^IXIC
                              79.27
                                               79.27
                                                        79.27
                                       79.27
                                                                      0
                                                                         1.628205e+00
##
   1203
         1975-11-13 ^IXIC
                              79.22
                                       79.22
                                               79.22
                                                        79.22
                                                                        -6.307556e-02
                                                                      0
## 1204
                              78.98
                                               78.98
         1975-11-14 ^IXIC
                                      78.98
                                                        78.98
                                                                      0
                                                                        -3.029538e-01
## 1205
         1975-11-17 ^IXIC
                              79.10
                                       79.10
                                               79.10
                                                        79.10
                                                                         1.519372e-01
## 1206
         1975-11-18 ^IXIC
                              78.62
                                               78.62
                                                        78.62
                                                                      0 -6.068268e-01
                                       78.62
         1975-11-19 ^IXIC
                              77.87
                                               77.87
                                                        77.87
                                                                        -9.539557e-01
## 1207
                                       77.87
                                                                      0
                              77.67
                                                                      0
                                                                        -2.568383e-01
## 1208
         1975-11-20 ^IXIC
                                      77.67
                                               77.67
                                                        77.67
         1975-11-21 ^IXIC
  1209
                              77.74
                                       77.74
                                               77.74
                                                        77.74
                                                                      0
                                                                         9.012489e-02
## 1210
         1975-11-24 ^IXIC
                              77.92
                                       77.92
                                               77.92
                                                        77.92
                                                                      0
                                                                         2.315410e-01
## 1211
         1975-11-25 ^IXIC
                              78.18
                                      78.18
                                               78.18
                                                        78.18
                                                                      0
                                                                         3.336756e-01
## 1212
         1975-11-26 ^IXIC
                              78.56
                                      78.56
                                               78.56
                                                        78.56
                                                                      0
                                                                         4.860578e-01
                              78.80
## 1213
         1975-11-28 ^IXIC
                                       78.80
                                               78.80
                                                        78.80
                                                                      0
                                                                         3.054990e-01
         1975-12-01 ^IXIC
                              78.66
## 1214
                                               78.66
                                                        78.66
                                       78.66
                                                                      0 -1.776650e-01
                              77.33
## 1215
         1975-12-02 ^IXIC
                                       77.33
                                               77.33
                                                        77.33
                                                                      0 -1.690821e+00
## 1216
         1975-12-03 ^IXIC
                              75.67
                                       75.67
                                               75.67
                                                        75.67
                                                                      0 -2.146644e+00
## 1217
         1975-12-04 ^IXIC
                              75.20
                                       75.20
                                               75.20
                                                        75.20
                                                                      0 -6.211180e-01
## 1218
         1975-12-05 ^IXIC
                              74.72
                                       74.72
                                               74.72
                                                        74.72
                                                                      0 -6.382979e-01
                              74.92
                                                                         2.676660e-01
## 1219
         1975-12-08 ^IXIC
                                      74.92
                                               74.92
                                                        74.92
                                                                      0
## 1220
         1975-12-09 ^IXIC
                              74.52
                                       74.52
                                               74.52
                                                        74.52
                                                                      0 -5.339028e-01
         1975-12-10 ^IXIC
## 1221
                              75.25
                                       75.25
                                               75.25
                                                        75.25
                                                                      0
                                                                         9.796028e-01
## 1222
         1975-12-11 ^IXIC
                              75.08
                                       75.08
                                               75.08
                                                        75.08
                                                                      0 -2.259136e-01
```

```
## 1223
         1975-12-12 ^IXIC
                              74.91
                                       74.91
                                               74.91
                                                        74.91
                                                                      0 -2.264251e-01
         1975-12-15 ^IXIC
## 1224
                              74.54
                                       74.54
                                               74.54
                                                        74.54
                                                                      0 -4.939260e-01
         1975-12-16 ^IXIC
                                                                         8.720150e-01
## 1225
                              75.19
                                       75.19
                                               75.19
                                                        75.19
                                                                      0
  1226
         1975-12-17 ^IXIC
                              75.80
                                               75.80
                                                        75.80
                                                                      0
                                                                         8.112781e-01
##
                                       75.80
  1227
         1975-12-18 ^IXIC
                              76.07
                                       76.07
                                               76.07
                                                        76.07
                                                                      0
                                                                          3.562005e-01
## 1228
                              75.92
                                               75.92
         1975-12-19 ^IXIC
                                       75.92
                                                        75.92
                                                                      0
                                                                        -1.971868e-01
## 1229
         1975-12-22 ^IXIC
                              75.59
                                       75.59
                                               75.59
                                                        75.59
                                                                      0
                                                                        -4.346681e-01
## 1230
         1975-12-23 ^IXIC
                              75.88
                                       75.88
                                               75.88
                                                        75.88
                                                                      0
                                                                          3.836486e-01
## 1231
         1975-12-24 ^IXIC
                              76.37
                                       76.37
                                               76.37
                                                        76.37
                                                                      0
                                                                          6.457565e-01
## 1232
         1975-12-26 ^IXIC
                              77.13
                                       77.13
                                               77.13
                                                        77.13
                                                                      0
                                                                          9.951552e-01
## 1233
         1975-12-29 ^IXIC
                              76.94
                                       76.94
                                               76.94
                                                        76.94
                                                                      0
                                                                        -2.463374e-01
         1975-12-30 ^IXIC
  1234
                              76.67
##
                                       76.67
                                               76.67
                                                        76.67
                                                                      0
                                                                        -3.509228e-01
##
  1235
         1975-12-31 ^IXIC
                              77.62
                                       77.62
                                               77.62
                                                        77.62
                                                                      0
                                                                          1.239077e+00
                                                        78.06
                                                                          5.668642e-01
## 1236
         1976-01-02 ^IXIC
                              78.06
                                       78.06
                                               78.06
                                                                      0
## 1237
         1976-01-05 ^IXIC
                              78.76
                                               78.76
                                                        78.76
                                                                      0
                                                                         8.967461e-01
                                       78.76
## 1238
         1976-01-06 ^IXIC
                              80.27
                                       80.27
                                               80.27
                                                        80.27
                                                                      0
                                                                          1.917217e+00
                              80.99
                                                                      0
## 1239
         1976-01-07 ^IXIC
                                       80.99
                                               80.99
                                                        80.99
                                                                         8.969727e-01
  1240
         1976-01-08 ^IXIC
                              81.65
                                               81.65
                                                        81.65
                                                                          8.149154e-01
                                       81.65
## 1241
         1976-01-09 ^IXIC
                              82.31
                                               82.31
                                                                         8.083282e-01
                                       82.31
                                                        82.31
                                                                      0
## 1242
         1976-01-12 ^IXIC
                              82.71
                                       82.71
                                               82.71
                                                        82.71
                                                                      0
                                                                          4.859677e-01
## 1243
         1976-01-13 ^IXIC
                              82.42
                                       82.42
                                               82.42
                                                        82.42
                                                                      0
                                                                        -3.506227e-01
                              83.62
                                               83.62
                                                        83.62
                                                                         1.455957e+00
## 1244
         1976-01-14 ^IXIC
                                       83.62
                                                                      0
         1976-01-15 ^IXIC
## 1245
                              83.73
                                               83.73
                                                                      0
                                       83.73
                                                        83.73
                                                                          1.315475e-01
                                               84.30
## 1246
         1976-01-16 ^IXIC
                              84.30
                                       84.30
                                                        84.30
                                                                      0
                                                                          6.807596e-01
## 1247
         1976-01-19 ^IXIC
                              84.73
                                       84.73
                                               84.73
                                                        84.73
                                                                      0
                                                                          5.100830e-01
## 1248
         1976-01-20 ^IXIC
                              84.90
                                       84.90
                                               84.90
                                                        84.90
                                                                      0
                                                                          2.006373e-01
  1249
         1976-01-21 ^IXIC
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                                               84.95
                                                        84.95
                                                                      0
                                                                         5.889282e-02
##
                                       84.95
##
   1250
         1976-01-22 ^IXIC
                              84.62
                                       84.62
                                               84.62
                                                        84.62
                                                                      0
                                                                        -3.884638e-01
## 1251
                              85.26
                                               85.26
         1976-01-23 ^IXIC
                                       85.26
                                                        85.26
                                                                      0
                                                                         7.563224e-01
## 1252
         1976-01-26 ^IXIC
                              85.05
                                       85.05
                                               85.05
                                                        85.05
                                                                      0 -2.463054e-01
## 1253
         1976-01-27 ^IXIC
                              84.76
                                       84.76
                                               84.76
                                                        84.76
                                                                      0 -3.409759e-01
##
  1254
         1976-01-28 ^IXIC
                              84.63
                                       84.63
                                               84.63
                                                        84.63
                                                                      0
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  1255
         1976-01-29 ^IXIC
                              86.15
                                       86.15
                                               86.15
                                                        86.15
                                                                      0
                                                                          1.796053e+00
  1256
         1976-01-30 ^IXIC
                              87.05
                                       87.05
                                               87.05
                                                        87.05
                                                                      0
                                                                         1.044689e+00
                                       87.28
   1257
         1976-02-02 ^IXIC
                              87.28
                                               87.28
                                                        87.28
                                                                      0
                                                                          2.642160e-01
## 1258
         1976-02-03 ^IXIC
                              87.38
                                       87.38
                                               87.38
                                                        87.38
                                                                      0
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## 1259
         1976-02-04 ^IXIC
                              88.45
                                       88.45
                                               88.45
                                                        88.45
                                                                      0
                                                                          1.224537e+00
## 1260
         1976-02-05 ^IXIC
                              88.02
                                       88.02
                                               88.02
                                                        88.02
                                                                      0
                                                                        -4.861504e-01
         1976-02-06 ^IXIC
                              87.25
                                               87.25
                                                        87.25
                                                                        -8.748012e-01
## 1261
                                       87.25
                                                                      0
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                                                                      0
## 1262
         1976-02-09 ^IXIC
                              87.83
                                       87.83
                                                        87.83
                                                                          6.647564e-01
  1263
         1976-02-10 ^IXIC
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                                                        87.95
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  1264
         1976-02-11 ^IXIC
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                                                                      0
                                                                         8.413872e-01
##
                                       88.69
                                               88.69
                                                        88.69
##
  1265
         1976-02-12 ^IXIC
                              88.88
                                       88.88
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                                                        88.88
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  1266
         1976-02-13 ^IXIC
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                                               88.96
                                                        88.96
                                                                      0
                                                                         9.000900e-02
##
                                       88.96
## 1267
         1976-02-17 ^IXIC
                              88.82
                                       88.82
                                               88.82
                                                        88.82
                                                                      0 -1.573741e-01
         1976-02-18 ^IXIC
## 1268
                              89.23
                                               89.23
                                                        89.23
                                                                      0
                                                                         4.616077e-01
                                       89.23
                                       90.14
## 1269
         1976-02-19 ^IXIC
                              90.14
                                               90.14
                                                        90.14
                                                                      0
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## 1270
         1976-02-20 ^IXIC
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                                       91.02
                                               91.02
                                                        91.02
                                                                      0
                                                                         9.762592e-01
## 1271
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         1976-02-23 ^IXIC
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                                                        91.31
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                                                                         3.186113e-01
## 1272
         1976-02-24 ^IXIC
                              91.73
                                       91.73
                                               91.73
                                                        91.73
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                                                                          4.599715e-01
                              92.09
                                               92.09
## 1273
         1976-02-25 ^IXIC
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                                                        92.09
                                                                      0
                                                                          3.924561e-01
## 1274
         1976-02-26 ^IXIC
                              91.45
                                       91.45
                                               91.45
                                                        91.45
                                                                      0 -6.949723e-01
         1976-02-27 ^IXIC
## 1275
                              90.26
                                       90.26
                                               90.26
                                                                      0 -1.301258e+00
                                                        90.26
## 1276
         1976-03-01 ^IXIC
                              90.25
                                       90.25
                                               90.25
                                                        90.25
                                                                      0 -1.107910e-02
```

##	1277	1976-03-02 ^IXIC	90.54	90.54	90.54	90.54	0 3.213296e-01
	1278	1976-03-03 ^IXIC	90.17	90.17	90.17	90.17	0 -4.086592e-01
	1279	1976-03-04 ÎXIC	89.65	89.65	89.65	89.65	0 -5.766885e-01
	1280	1976-03-05 ^IXIC	89.47	89.47	89.47	89.47	0 -2.007808e-01
		1976-03-05 TXIC		89.97			
	1281	1976-03-08 TXIC	89.97		89.97	89.97	
	1282		89.98	89.98	89.98	89.98	0 1.111482e-02
	1283	1976-03-10 ^IXIC	90.20	90.20	90.20	90.20	0 2.444988e-01
	1284	1976-03-11 ^IXIC	91.21	91.21	91.21	91.21	0 1.119734e+00
	1285	1976-03-12 ^IXIC	90.99	90.99	90.99	90.99	0 -2.412016e-01
	1286	1976-03-15 ^IXIC	89.72	89.72	89.72	89.72	0 -1.395758e+00
	1287	1976-03-16 ^IXIC	89.86	89.86	89.86	89.86	0 1.560410e-01
	1288	1976-03-17 ^IXIC	90.11	90.11	90.11	90.11	0 2.782105e-01
	1289	1976-03-18 ^IXIC	89.55	89.55	89.55	89.55	0 -6.214627e-01
	1290	1976-03-19 ^IXIC	89.54	89.54	89.54	89.54	0 -1.116695e-02
	1291	1976-03-22 ^IXIC	89.69	89.69	89.69	89.69	0 1.675229e-01
	1292	1976-03-23 ^IXIC	90.36	90.36	90.36	90.36	0 7.470175e-01
	1293	1976-03-24 ^IXIC	90.93	90.93	90.93	90.93	0 6.308101e-01
	1294	1976-03-25 ^IXIC	90.67	90.67	90.67	90.67	0 -2.859342e-01
	1295	1976-03-26 ^IXIC	90.89	90.89	90.89	90.89	0 2.426381e-01
	1296	1976-03-29 ^IXIC	90.69	90.69	90.69	90.69	0 -2.200462e-01
	1297	1976-03-30 ^IXIC	90.49	90.49	90.49	90.49	0 -2.205315e-01
	1298	1976-03-31 ^IXIC	90.62	90.62	90.62	90.62	0 1.436623e-01
	1299	1976-04-01 ^IXIC	90.44	90.44	90.44	90.44	0 -1.986316e-01
##	1300	1976-04-02 ^IXIC	90.63	90.63	90.63	90.63	0 2.100840e-01
	1301	1976-04-05 ^IXIC	91.43	91.43	91.43	91.43	0 8.827099e-01
##	1302	1976-04-06 ^IXIC	91.55	91.55	91.55	91.55	0 1.312479e-01
	1303	1976-04-07 ^IXIC	90.80	90.80	90.80	90.80	0 -8.192245e-01
	1304	1976-04-08 ^IXIC	90.04	90.04	90.04	90.04	0 -8.370044e-01
##	1305	1976-04-09 ^IXIC	88.89	88.89	88.89	88.89	0 -1.277210e+00
##	1306	1976-04-12 ^IXIC	88.60	88.60	88.60	88.60	0 -3.262459e-01
##	1307	1976-04-13 ^IXIC	88.66	88.66	88.66	88.66	0 6.772009e-02
##	1308	1976-04-14 ^IXIC	88.75	88.75	88.75	88.75	0 1.015114e-01
##	1309	1976-04-15 ^IXIC	89.17	89.17	89.17	89.17	0 4.732394e-01
##	1310	1976-04-19 ^IXIC	89.59	89.59	89.59	89.59	0 4.710104e-01
##	1311	1976-04-20 ^IXIC	90.61	90.61	90.61	90.61	0 1.138520e+00
##	1312	1976-04-21 ^IXIC	90.77	90.77	90.77	90.77	0 1.765810e-01
##	1313	1976-04-22 ^IXIC	90.96	90.96	90.96	90.96	0 2.093203e-01
##	1314	1976-04-23 ^IXIC	90.60	90.60	90.60	90.60	0 -3.957784e-01
##	1315	1976-04-26 ^IXIC	90.57	90.57	90.57	90.57	0 -3.311258e-02
##	1316	1976-04-27 ^IXIC	89.98	89.98	89.98	89.98	0 -6.514298e-01
##	1317	1976-04-28 ^IXIC	90.30	90.30	90.30	90.30	0 3.556346e-01
##	1318	1976-04-29 ^IXIC	90.55	90.55	90.55	90.55	0 2.768549e-01
##	1319	1976-04-30 ^IXIC	90.08	90.08	90.08	90.08	0 -5.190502e-01
##	1320	1976-05-03 ^IXIC	89.05	89.05	89.05	89.05	0 -1.143428e+00
##	1321	1976-05-04 ^IXIC	89.24	89.24	89.24	89.24	0 2.133633e-01
##	1322	1976-05-05 ^IXIC	89.24	89.24	89.24	89.24	0 0.00000e+00
##	1323	1976-05-06 ^IXIC	89.42	89.42	89.42	89.42	0 2.017033e-01
##	1324	1976-05-07 ^IXIC	90.02	90.02	90.02	90.02	0 6.709908e-01
	1325	1976-05-10 ^IXIC	90.55	90.55	90.55	90.55	0 5.887581e-01
	1326	1976-05-11 ^IXIC	90.59	90.59	90.59	90.59	0 4.417449e-02
	1327	1976-05-12 ^IXIC	90.64	90.64	90.64	90.64	0 5.519373e-02
	1328	1976-05-13 ^IXIC	90.22	90.22	90.22	90.22	0 -4.633716e-01
	1329	1976-05-14 ^IXIC	89.78	89.78	89.78	89.78	0 -4.876967e-01
	1330	1976-05-17 ^IXIC	89.49	89.49	89.49	89.49	0 -3.230118e-01

```
## 1331
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                              89.53
                                       89.53
                                                89.53
                                                        89.53
                                                                       0 4.469773e-02
## 1332
         1976-05-19 ^IXIC
                              89.25
                                       89.25
                                                89.25
                                                        89.25
                                                                       0 -3.127443e-01
  1333
         1976-05-20 ^IXIC
                              89.53
                                       89.53
                                                89.53
                                                        89.53
                                                                          3.137255e-01
  1334
         1976-05-21 ^IXIC
                                                                        -1.563722e-01
##
                              89.39
                                       89.39
                                                89.39
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                                                                       0
##
   1335
         1976-05-24 ^IXIC
                              88.15
                                       88.15
                                                88.15
                                                        88.15
                                                                       0
                                                                        -1.387180e+00
## 1336
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                                       87.81
                                                87.81
                                                        87.81
                                                                       0
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## 1337
         1976-05-26 ^IXIC
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                                       88.10
                                                88.10
                                                        88.10
                                                                       0
                                                                          3.302585e-01
## 1338
         1976-05-27 ^IXIC
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                                       87.78
                                                87.78
                                                        87.78
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##
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                                       88.04
                                                88.04
                                                        88.04
                                                                       0
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## 1340
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                                       87.81
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                                                        87.81
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  1341
         1976-06-02 ^IXIC
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                                       88.16
                                                88.16
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                                                                       0
                                                                          3.985879e-01
         1976-06-03 ^IXIC
##
   1342
                              88.26
                                       88.26
                                                88.26
                                                        88.26
                                                                       0
                                                                          1.134301e-01
                                       87.75
##
   1343
         1976-06-04 ^IXIC
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                                                87.75
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                                                                       0 -5.778382e-01
                              87.22
                                       87.22
##
  1344
         1976-06-07 ^IXIC
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                                                        87.22
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## 1345
         1976-06-08 ^IXIC
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                                                87.12
                                       87.12
                                                        87.12
                                                                       0 -1.146526e-01
   1346
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                                       86.95
                                                86.95
                                                        86.95
                                                                       0
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##
##
  1347
         1976-06-10 ^IXIC
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                                       87.31
                                                87.31
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                                                                          4.581377e-01
                                       87.71
                                                                       0
         1976-06-14 ^IXIC
                                       88.40
  1349
                              88.40
                                                88.40
                                                        88.40
                                                                       0
                                                                          7.866834e-01
##
                                       88.45
   1350
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                                                        88.45
                                                                       0
                                                                          5.656109e-02
##
  1351
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                                                89.72
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                                                                          8.883391e-01
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                                                90.05
## 1353
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##
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## 1355
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  1356
         1976-06-23 ^IXIC
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##
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                                                90.05
                                                        90.05
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                                                89.87
##
         1976-06-28 ^IXIC
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## 1360
         1976-06-29 ^IXIC
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                                                90.11
                                                        90.11
                                                                       0
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                                       90.11
##
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                                                        90.32
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##
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                                                        90.28
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                                       90.88
                                                90.88
                                                        90.88
                                                                       0
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                                       90.62
                                                90.62
                                                        90.62
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##
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                                                90.60
                                                                         -2.207018e-02
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                                                                       0
                              90.79
##
  1366
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                                                        90.79
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  1367
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## 1368
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  1371
         1976-07-15 ^IXIC
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##
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##
  1374
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                                                        91.68
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##
  1377
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         1976-07-26 ^IXIC
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         1976-07-27 ^IXIC
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##
                              90.85
##
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                                       91.27
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## 1384
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```

```
## 1385
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## 1386
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##
         1976-08-10 ^IXIC
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## 1390
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## 1392
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                                               91.81
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## 1393
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                                       90.19
##
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##
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## 1399
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                                                        89.13
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                                               89.55
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                                       90.59
                                               90.59
                                                        90.59
                                                                      0
                                                                         9.921962e-01
## 1406
                              90.68
                                               90.68
                                                        90.68
                                                                          9.934871e-02
         1976-09-02 ^IXIC
                                       90.68
                                                                      0
         1976-09-03 ^IXIC
                              91.02
                                               91.02
                                                        91.02
                                                                         3.749449e-01
## 1407
                                       91.02
                                                                      0
                              91.21
                                               91.21
## 1408
         1976-09-07 ^IXIC
                                       91.21
                                                        91.21
                                                                      0
                                                                          2.087453e-01
## 1409
         1976-09-08 ^IXIC
                              91.26
                                       91.26
                                               91.26
                                                        91.26
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## 1410
         1976-09-09 ^IXIC
                              90.86
                                       90.86
                                               90.86
                                                        90.86
                                                                      0
                                                                         -4.383081e-01
         1976-09-10 ^IXIC
                              91.19
                                                                          3.631961e-01
## 1411
                                       91.19
                                               91.19
                                                        91.19
                                                                      0
  1412
         1976-09-13 ^IXIC
                              90.96
                                       90.96
                                               90.96
                                                        90.96
                                                                      0
                                                                        -2.522206e-01
         1976-09-14 ^IXIC
                              90.53
                                               90.53
## 1413
                                       90.53
                                                        90.53
                                                                      0
                                                                        -4.727353e-01
## 1414
         1976-09-15 ^IXIC
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                                       90.63
                                               90.63
                                                        90.63
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                                                                         1.104606e-01
         1976-09-16 ^IXIC
## 1415
                              91.04
                                       91.04
                                               91.04
                                                        91.04
                                                                      0
                                                                          4.523888e-01
## 1416
         1976-09-17 ^IXIC
                              91.61
                                       91.61
                                               91.61
                                                        91.61
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         1976-09-20 ^IXIC
                              91.89
                                       91.89
                                               91.89
                                                        91.89
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         1976-09-21 ^IXIC
## 1418
                              92.42
                                       92.42
                                               92.42
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                                                                         5.767766e-01
  1419
         1976-09-22 ^IXIC
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                                               92.44
                                                        92.44
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                                                                          2.164034e-02
                                       92.44
                              92.27
                                               92.27
## 1420
         1976-09-23 ^IXIC
                                       92.27
                                                        92.27
                                                                      0
                                                                        -1.839031e-01
## 1421
         1976-09-24 ^IXIC
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                                                        92.31
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## 1422
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                              92.44
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## 1423
         1976-09-28 ^IXIC
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## 1424
         1976-09-29 ^IXIC
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                                               91.27
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  1425
         1976-09-30 ^IXIC
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         1976-10-01 ^IXIC
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##
                              90.44
                                       90.44
##
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         1976-10-04 ^IXIC
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## 1428
         1976-10-05 ^IXIC
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                                       89.75
                                               89.75
                                                                      0 -7.848773e-01
                                                        89.75
                              89.07
## 1429
         1976-10-06 ^IXIC
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                                               89.07
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                                                                      0 -7.576602e-01
         1976-10-07 ^IXIC
                              89.63
                                               89.63
                                                                      0
## 1430
                                       89.63
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                                                                          6.287190e-01
## 1431
         1976-10-08 ^IXIC
                              89.38
                                       89.38
                                               89.38
                                                        89.38
                                                                      0 -2.789245e-01
## 1432
         1976-10-11 ^IXIC
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                                       89.02
                                               89.02
                                                        89.02
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         1976-10-12 ^IXIC
## 1433
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                                                        88.76
                                                                      0 -2.920692e-01
  1434
         1976-10-13 ^IXIC
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                                       89.30
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                                               88.73
## 1435
         1976-10-14 ^IXIC
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                                                        88.73
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## 1436
         1976-10-15 ^IXIC
                              89.06
                                       89.06
                                               89.06
                                                        89.06
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         1976-10-18 ^IXIC
## 1437
                              89.46
                                       89.46
                                               89.46
                                                                      0
                                                                         4.491354e-01
                                                        89.46
## 1438
         1976-10-19 ^IXIC
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                                       89.45
                                               89.45
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                                                                      0 -1.117818e-02
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## 1440
         1976-10-21 ^IXIC
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                                                89.49
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## 1441
         1976-10-22 ^IXIC
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                                                89.26
                                                        89.26
                                                                        -2.570120e-01
  1442
         1976-10-25 ^IXIC
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                                                89.37
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##
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##
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                              89.42
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                                                89.62
## 1444
         1976-10-27 ^IXIC
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## 1445
         1976-10-28 ^IXIC
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                                                                       0
                                                                          2.566391e-01
         1976-10-29 ^IXIC
                                                                          5.564830e-01
## 1446
                              90.35
                                       90.35
                                                90.35
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## 1448
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                                                        89.38
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         1976-11-05 ^IXIC
##
  1450
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##
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##
  1452
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                                                88.08
## 1453
         1976-11-10 ^IXIC
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                                                87.82
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## 1454
         1976-11-11 ^IXIC
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                                       88.10
##
  1455
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         1976-11-16 ^IXIC
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   1458
         1976-11-17 ^IXIC
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## 1460
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                                                90.47
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## 1461
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                                                                          5.557408e-01
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## 1462
         1976-11-23 ^IXIC
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                                                        90.22
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## 1463
         1976-11-24 ^IXIC
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                                                        90.69
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##
                                       91.08
##
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##
  1467
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                                       91.84
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                                                        91.84
                                                                       0
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## 1469
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                                                        92.31
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   1471
         1976-12-07 ^IXIC
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                                       93.01
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                                                        93.01
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  1472
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##
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                                                94.10
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## 1474
         1976-12-10 ^IXIC
                              94.62
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                                                        94.62
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## 1475
         1976-12-13 ^IXIC
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## 1476
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  1477
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         1976-12-16 ^IXIC
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  1479
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  1480
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                                                                       0
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##
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##
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                                                95.18
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##
                                       95.18
                                                        95.18
## 1483
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## 1484
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## 1485
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##
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## 1490
         1977-01-04 ^IXIC
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                                                97.22
                                                        97.22
                                                                       0 -4.811137e-01
         1977-01-05 ^IXIC
## 1491
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                                       96.89
                                                96.89
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## 1492
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                                                97.29
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##	1494	1977-01-10 ^IXIC	97.31	97.31	97.31	97.31	0 -2.255716e-01
##	1495	1977-01-11 ^IXIC	96.41	96.41	96.41	96.41	0 -9.248793e-01
##	1496	1977-01-12 ^IXIC	96.02	96.02	96.02	96.02	0 -4.045224e-01
##	1497	1977-01-13 ^IXIC	96.84	96.84	96.84	96.84	0 8.539888e-01
##	1498	1977-01-14 ^IXIC	97.20	97.20	97.20	97.20	0 3.717472e-01
##	1499	1977-01-17 ^IXIC	97.14	97.14	97.14	97.14	0 -6.172840e-02
##	1500	1977-01-18 ^IXIC	97.13	97.13	97.13	97.13	0 -1.029442e-02
##	1501	1977-01-19 ^IXIC	97.55	97.55	97.55	97.55	0 4.324102e-01
##	1502	1977-01-20 ^IXIC	97.08	97.08	97.08	97.08	0 -4.818042e-01
##	1503	1977-01-21 ^IXIC	97.32	97.32	97.32	97.32	0 2.472188e-01
##	1504	1977-01-24 ^IXIC	97.37	97.37	97.37	97.37	0 5.137690e-02
	1505	1977-01-25 ^IXIC	97.06	97.06	97.06	97.06	0 -3.183732e-01
	1506	1977-01-26 ÎXIC	96.51	96.51	96.51	96.51	0 -5.666598e-01
	1507	1977-01-27 ÎXIC	96.04	96.04	96.04	96.04	0 -4.869962e-01
	1508	1977-01-28 ^IXIC	95.72	95.72	95.72	95.72	0 -3.331945e-01
	1509	1977-01-31 ^IXIC	95.72	95.72	95.72	95.72	0 -1.880485e-01
	1510	1977-02-01 ^IXIC	96.30	96.30	96.30	96.30	
	1511	1977-02-02 ^IXIC	96.46	96.46	96.46	96.46	0 1.661475e-01
	1512	1977-02-03 ^IXIC	96.33	96.33	96.33	96.33	0 -1.347709e-01
	1513	1977-02-04 ^IXIC	96.74	96.74	96.74	96.74	0 4.256203e-01
	1514	1977-02-07 ^IXIC	96.61	96.61	96.61	96.61	0 -1.343808e-01
	1515	1977-02-08 ^IXIC	96.59	96.59	96.59	96.59	0 -2.070179e-02
	1516	1977-02-09 ^IXIC	95.99	95.99	95.99	95.99	0 -6.211823e-01
	1517	1977-02-10 ^IXIC	96.29	96.29	96.29	96.29	0 3.125326e-01
	1518	1977-02-11 ^IXIC	96.09	96.09	96.09	96.09	0 -2.077059e-01
	1519	1977-02-14 ^IXIC	96.13	96.13	96.13	96.13	0 4.162764e-02
	1520	1977-02-15 ^IXIC	96.41	96.41	96.41	96.41	0 2.912722e-01
	1521	1977-02-16 ^IXIC	96.62	96.62	96.62	96.62	0 2.178197e-01
	1522	1977-02-17 ^IXIC	96.56	96.56	96.56	96.56	0 -6.209894e-02
	1523	1977-02-18 ^IXIC	96.38	96.38	96.38	96.38	0 -1.864126e-01
	1524	1977-02-22 ^IXIC	96.14	96.14	96.14	96.14	0 -2.490143e-01
	1525	1977-02-23 ^IXIC	95.76	95.76	95.76	95.76	0 -3.952569e-01
##	1526	1977-02-24 ^IXIC	94.84	94.84	94.84	94.84	0 -9.607352e-01
##	1527	1977-02-25 ^IXIC	94.90	94.90	94.90	94.90	0 6.326445e-02
##	1528	1977-02-28 ^IXIC	94.57	94.57	94.57	94.57	0 -3.477345e-01
##	1529	1977-03-01 ^IXIC	95.14	95.14	95.14	95.14	0 6.027281e-01
##	1530	1977-03-02 ^IXIC	95.19	95.19	95.19	95.19	0 5.255413e-02
##	1531	1977-03-03 ^IXIC	95.53	95.53	95.53	95.53	0 3.571804e-01
##	1532	1977-03-04 ^IXIC	96.07	96.07	96.07	96.07	0 5.652675e-01
##	1533	1977-03-07 ^IXIC	96.17	96.17	96.17	96.17	0 1.040908e-01
##	1534	1977-03-08 ^IXIC	96.23	96.23	96.23	96.23	0 6.238952e-02
##	1535	1977-03-09 ^IXIC	95.75	95.75	95.75	95.75	0 -4.988049e-01
##	1536	1977-03-10 ^IXIC	95.94	95.94	95.94	95.94	0 1.984334e-01
##	1537	1977-03-11 ^IXIC	96.07	96.07	96.07	96.07	0 1.355014e-01
##	1538	1977-03-14 ^IXIC	96.19	96.19	96.19	96.19	0 1.249089e-01
	1539	1977-03-15 ^IXIC	96.39	96.39	96.39	96.39	0 2.079218e-01
	1540	1977-03-16 ^IXIC	96.58	96.58	96.58	96.58	0 1.971159e-01
	1541	1977-03-17 ^IXIC	96.42	96.42	96.42	96.42	0 -1.656658e-01
	1542	1977-03-18 ^IXIC	96.44	96.44	96.44	96.44	0 2.074258e-02
	1543	1977-03-21 ^IXIC	96.26	96.26	96.26	96.26	0 -1.866445e-01
	1544	1977-03-22 ÎXIC	96.05	96.05	96.05	96.05	0 -2.181592e-01
	1545	1977-03-23 ^IXIC	95.76	95.76	95.76	95.76	0 -3.019261e-01
	1546	1977-03-24 ^IXIC	95.54	95.54	95.54	95.54	0 -2.297410e-01
II'TT	1010	IOTT OO ZE INTO	00.01	JU.U-	JU.U4	00.04	0 2.2014100 01

##	1547	1977-03-25 ^IXIC	95.28	95.28	95.28	95.28	0 -2.721373e-01
	1548	1977-03-28 ÎXIC	94.85	94.85	94.85	94.85	0 -4.513014e-01
	1549	1977-03-29 ÎXIC	94.92	94.92	94.92	94.92	0 7.380074e-02
	1550	1977-03-30 ^IXIC	94.23	94.23	94.23	94.23	0 -7.269279e-01
	1551	1977-03-31 ^IXIC	94.13	94.13	94.13	94.13	0 -1.061233e-01
	1552	1977-04-01 ^IXIC	94.54	94.54	94.54	94.54	0 4.355678e-01
	1553	1977-04-04 ^IXIC	93.90	93.90	93.90	93.90	0 -6.769621e-01
	1554	1977-04-05 ^IXIC	93.66	93.66	93.66	93.66	0 -2.555911e-01
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## 1839
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## 1861
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## 1870
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                                             119.16 119.16
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## 1874
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  1876
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## 1877
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         1978-08-02 ^IXIC
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## 1894
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         1978-08-14 ^IXIC
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         1978-08-17 ^IXIC
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                                                      134.14
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## 1900
         1978-08-18 ^IXIC
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         1978-08-23 ^IXIC
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         1978-08-24 ^IXIC
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  1904
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## 1909
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## 1910
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         1978-09-05 ^IXIC
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         1978-09-06 ^IXIC
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         1978-09-08 ^IXIC
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## 1914
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         1978-09-12 ^IXIC
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## 1916
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## 1917
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## 1918
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         1978-09-15 ^IXIC
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         1978-09-18 ^IXIC
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## 1921
         1978-09-19 ^IXIC
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## 1922
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## 1923
         1978-09-21 ^IXIC
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                                             132.10
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## 1924
         1978-09-22 ^IXIC
                           132.30
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                                             132.30 132.30
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## 1925
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## 1926
         1978-09-26 ^IXIC
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## 1927
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## 1928
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## 1939
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## 1941
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## 1942
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         1978-10-19 ^IXIC
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## 1943
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         1978-10-25 ^IXIC
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## 1954
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         1978-11-06 ^IXIC
## 1955
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   1956
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                                                                        4.369825e-01
         1979-05-21 ^IXIC
  2090
                            131.16
                                     131.16
                                             131.16
                                                                        1.144951e-01
                                                      131.16
                                                                     0
  2091
         1979-05-22 ^IXIC
                            131.90
                                     131.90
                                             131.90
                                                      131.90
                                                                     0
                                                                        5.641964e-01
  2092
                            132.12
##
         1979-05-23 ^IXIC
                                     132.12
                                             132.12
                                                      132.12
                                                                     0
                                                                        1.667930e-01
                            132.10
## 2093
         1979-05-24 ^IXIC
                                     132.10
                                             132.10
                                                      132.10
                                                                     0
                                                                       -1.513775e-02
         1979-05-25 ^IXIC
                            132.68
## 2094
                                     132.68
                                             132.68
                                                      132.68
                                                                     0
                                                                        4.390613e-01
  2095
         1979-05-29 ^IXIC
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                                     132.46
                                             132.46
                                                      132.46
                                                                     0
                                                                       -1.658125e-01
  2096
         1979-05-30 ^IXIC
                            131.39
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                                                      131.39
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  2097
         1979-05-31 ^IXIC
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                                             131.42
                                                      131.42
                                                                     0
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  2098
         1979-06-01 ^IXIC
                            131.76
                                             131.76
                                                                        2.587125e-01
                                     131.76
                                                      131.76
                                                                     0
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         1979-06-04 ^IXIC
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                                     131.95
                                             131.95
                                                                     0
                                                                        1.442016e-01
                                                      131.95
                            133.02
                                     133.02
                                             133.02
## 2100
         1979-06-05 ^IXIC
                                                      133.02
                                                                     0
                                                                        8.109132e-01
         1979-06-06 ^IXIC
## 2101
                            133.62
                                             133.62
                                                                        4.510600e-01
                                     133.62
                                                      133.62
                                                                     0
## 2102
         1979-06-07 ^IXIC
                            134.55
                                     134.55
                                              134.55
                                                      134.55
                                                                     0
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                            134.96
                                             134.96
## 2103
         1979-06-08 ^IXIC
                                     134.96
                                                      134.96
                                                                     0
                                                                        3.047194e-01
         1979-06-11 ^IXIC
                            135.04
                                     135.04
                                              135.04
                                                      135.04
                                                                     0
                                                                        5.927682e-02
## 2104
         1979-06-12 ^IXIC
                            135.92
                                             135.92
## 2105
                                     135.92
                                                      135.92
                                                                     0
                                                                        6.516588e-01
## 2106
         1979-06-13 ^IXIC
                            136.01
                                     136.01
                                             136.01
                                                      136.01
                                                                     0
                                                                        6.621542e-02
## 2107
         1979-06-14 ^IXIC
                            136.02
                                     136.02
                                             136.02
                                                      136.02
                                                                     0
                                                                        7.352401e-03
## 2108
                            136.25
                                             136.25
                                                                        1.690928e-01
         1979-06-15 ^IXIC
                                     136.25
                                                      136.25
                                                                     0
         1979-06-18 ^IXIC
                                             135.85
                            135.85
                                                                       -2.935780e-01
## 2109
                                     135.85
                                                      135.85
                                                                     0
                            136.05
## 2110
         1979-06-19 ^IXIC
                                     136.05
                                             136.05
                                                      136.05
                                                                     0
                                                                        1.472212e-01
## 2111
                                                                        2.940096e-01
         1979-06-20 ^IXIC
                            136.45
                                     136.45
                                             136.45
                                                      136.45
                                                                     0
## 2112
         1979-06-21 ^IXIC
                            136.71
                                     136.71
                                             136.71
                                                      136.71
                                                                     0
                                                                        1.905460e-01
## 2113
         1979-06-22 ^IXIC
                            137.24
                                             137.24
                                     137.24
                                                      137.24
                                                                     0
                                                                        3.876820e-01
## 2114
         1979-06-25 ^IXIC
                            136.89
                                     136.89
                                             136.89
                                                      136.89
                                                                     0 -2.550277e-01
         1979-06-26 ^IXIC
                            136.53
                                             136.53
                                                                     0 -2.629849e-01
## 2115
                                     136.53
                                                      136.53
## 2116
         1979-06-27 ^IXIC
                            137.40
                                     137.40
                                             137.40
                                                      137.40
                                                                     0
                                                                        6.372226e-01
         1979-06-28 ^IXIC
## 2117
                            138.08
                                     138.08
                                             138.08
                                                      138.08
                                                                     0
                                                                        4.949054e-01
## 2118
         1979-06-29 ^IXIC
                            138.13
                                     138.13
                                             138.13
                                                      138.13
                                                                     0
                                                                        3.621089e-02
## 2119
         1979-07-02 ^IXIC
                            137.03
                                     137.03
                                              137.03
                                                      137.03
                                                                     0
                                                                       -7.963513e-01
## 2120
         1979-07-03 ^IXIC
                            137.03
                                     137.03
                                             137.03
                                                      137.03
                                                                     0
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         1979-07-05 ^IXIC
                            137.79
                                     137.79
                                             137.79
                                                      137.79
                                                                     0
                                                                        5.546231e-01
## 2121
## 2122
                            138.64
         1979-07-06 ^IXIC
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                                             138.64
                                                      138.64
                                                                     0
                                                                        6.168808e-01
## 2123
         1979-07-09 ^IXIC
                            139.15
                                     139.15
                                              139.15
                                                      139.15
                                                                     0
                                                                        3.678592e-01
## 2124
         1979-07-10 ^IXIC
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                                     138.97
                                             138.97
                                                                     0 -1.293568e-01
                                                      138.97
         1979-07-11 ^IXIC
                            138.85
                                     138.85
                                             138.85
                                                      138.85
                                                                       -8.634957e-02
## 2125
                                                                     0
         1979-07-12 ^IXIC
                            138.68
                                     138.68
                                                                     0 -1.224343e-01
## 2126
                                             138.68
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## 2127
         1979-07-13 ^IXIC
                            138.52
                                     138.52
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## 2128
         1979-07-16 ^IXIC
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                                             138.89
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## 2129
         1979-07-17 ^IXIC
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                                             137.86
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## 2130
         1979-07-18 ^IXIC
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                                             137.26
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                                     137.26
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## 2131
         1979-07-19 ^IXIC
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                                     137.57
                                             137.57
                                                      137.57
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         1979-07-20 ^IXIC
## 2132
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                                             137.98
                                                                     0
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## 2133
         1979-07-23 ^IXIC
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                                             137.57
                                                      137.57
                                                                     0 -2.971445e-01
## 2134
         1979-07-24 ^IXIC
                            138.02
                                     138.02
                                             138.02
                                                      138.02
                                                                     0
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## 2135
         1979-07-25 ^IXIC
                            138.97
                                     138.97
                                             138.97
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                                                                     0
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         1979-07-26 ^IXIC
## 2136
                            139.52
                                     139.52
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                                             140.02
## 2137
         1979-07-27 ^IXIC
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                                                      140.02
                                                                     0
                                                                        3.583716e-01
## 2138
         1979-07-30 ^IXIC
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                                     140.54
                                             140.54
                                                      140.54
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         1979-07-31 ^IXIC
## 2139
                            141.33
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                                                                        5.621175e-01
                                                      141.33
## 2140
         1979-08-01 ^IXIC
                           141.90
                                     141.90
                                             141.90 141.90
                                                                     0
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```

```
## 2141
         1979-08-02 ^IXIC 142.54
                                    142.54 142.54 142.54
                                                                     0 4.510218e-01
## 2142
                            142.63
                                     142.63
                                             142.63
         1979-08-03 ^IXIC
                                                      142.63
                                                                     0
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         1979-08-06 ^IXIC
                                                      142.41
                                                                     0 -1.542452e-01
## 2143
                            142.41
                                     142.41
                                             142.41
         1979-08-07 ^IXIC
## 2144
                            143.30
                                     143.30
                                             143.30
                                                      143.30
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## 2145
         1979-08-08 ^IXIC
                            144.06
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                                             144.06
                                                      144.06
                                                                     0
                                                                        5.303559e-01
                            144.27
                                             144.27
## 2146
         1979-08-09 ^IXIC
                                     144.27
                                                      144.27
                                                                     0
                                                                        1.457726e-01
                            145.07
## 2147
         1979-08-10 ^IXIC
                                     145.07
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                                                      145.07
                                                                     0
                                                                        5.545158e-01
         1979-08-13 ^IXIC
## 2148
                            146.07
                                     146.07
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                                                      146.07
                                                                     0
                                                                        6.893224e-01
## 2149
         1979-08-14 ^IXIC
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                                                      146.30
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                                                                        1.574588e-01
## 2150
         1979-08-15 ^IXIC
                            147.14
                                     147.14
                                             147.14
                                                      147.14
                                                                     0
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## 2151
         1979-08-16 ^IXIC
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                                     147.44
                                             147.44
                                                      147.44
                                                                     0
                                                                        2.038875e-01
         1979-08-17 ^IXIC
## 2152
                            147.84
                                     147.84
                                             147.84
                                                                        2.712968e-01
                                                      147.84
                                                                     0
## 2153
         1979-08-20 ^IXIC
                            147.95
                                     147.95
                                             147.95
                                                      147.95
                                                                     0
                                                                        7.440476e-02
                                                                        2.703616e-02
## 2154
         1979-08-21 ^IXIC
                            147.99
                                     147.99
                                             147.99
                                                      147.99
                                                                     0
## 2155
         1979-08-22 ^IXIC
                            148.74
                                     148.74
                                             148.74
                                                                     0
                                                                        5.067910e-01
                                                      148.74
## 2156
         1979-08-23 ^IXIC
                            149.13
                                     149.13
                                             149.13
                                                      149.13
                                                                     0
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                                             149.40
## 2157
         1979-08-24 ^IXIC
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                                                      149.40
                                                                     0
                                                                        1.810501e-01
## 2158
         1979-08-27 ^IXIC
                            149.51
                                     149.51
                                             149.51
                                                      149.51
                                                                     0
                                                                        7.362784e-02
                            149.54
         1979-08-28 ^IXIC
                                             149.54
## 2159
                                     149.54
                                                      149.54
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                                                                        2.006555e-02
## 2160
         1979-08-29 ^IXIC
                            150.04
                                     150.04
                                             150.04
                                                      150.04
                                                                     0
                                                                        3.343587e-01
## 2161
         1979-08-30 ^IXIC
                            150.06
                                     150.06
                                             150.06
                                                      150.06
                                                                     0
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## 2162
         1979-08-31 ^IXIC
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                                             150.44
                                                                        2.532320e-01
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                                                      150.44
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         1979-09-04 ^IXIC
## 2163
                            148.49
                                             148.49
                                     148.49
                                                      148.49
                                                                     0
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                            146.03
## 2164
         1979-09-05 ^IXIC
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                                                                     0
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## 2165
         1979-09-06 ^IXIC
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## 2166
         1979-09-07 ^IXIC
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                                     148.07
                                             148.07
                                                      148.07
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## 2167
         1979-09-10 ^IXIC
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                                     148.91
                                             148.91
                                                                        5.672993e-01
                                                      148.91
                                                                     0
## 2168
         1979-09-11 ^IXIC
                            148.39
                                     148.39
                                             148.39
                                                      148.39
                                                                     0 -3.492042e-01
         1979-09-12 ^IXIC
                            148.66
                                             148.66
## 2169
                                     148.66
                                                      148.66
                                                                     0
                                                                        1.819530e-01
## 2170
         1979-09-13 ^IXIC
                            149.33
                                     149.33
                                             149.33
                                                      149.33
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                                                                        4.506929e-01
         1979-09-14 ^IXIC
## 2171
                            150.56
                                     150.56
                                             150.56
                                                      150.56
                                                                     0
                                                                        8.236791e-01
## 2172
         1979-09-17 ^IXIC
                            150.46
                                     150.46
                                             150.46
                                                      150.46
                                                                     0 -6.641870e-02
## 2173
         1979-09-18 ^IXIC
                            149.19
                                     149.19
                                             149.19
                                                      149.19
                                                                     0
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## 2174
         1979-09-19 ^IXIC
                            149.44
                                             149.44
                                     149.44
                                                      149.44
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## 2175
         1979-09-20 ^IXIC
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                                     150.20
                                             150.20
                                                      150.20
                                                                        5.085653e-01
                                                                     0
                            150.65
                                             150.65
## 2176
         1979-09-21 ^IXIC
                                     150.65
                                                      150.65
                                                                     0
                                                                        2.996005e-01
## 2177
         1979-09-24 ^IXIC
                            150.12
                                     150.12
                                             150.12
                                                      150.12
                                                                     0 -3.518088e-01
## 2178
         1979-09-25 ^IXIC
                            149.27
                                     149.27
                                             149.27
                                                      149.27
                                                                     0 -5.662137e-01
## 2179
         1979-09-26 ^IXIC
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                                     149.88
                                             149.88
                                                      149.88
                                                                     0
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                            150.37
                                     150.37
                                                                     0
## 2180
         1979-09-27 ^IXIC
                                             150.37
                                                      150.37
                                                                        3.269282e-01
         1979-09-28 ^IXIC
                            149.98
## 2181
                                     149.98
                                             149.98
                                                      149.98
                                                                     0 -2.593602e-01
## 2182
         1979-10-01 ^IXIC
                            149.59
                                     149.59
                                             149.59
                                                      149.59
                                                                     0 -2.600347e-01
## 2183
         1979-10-02 ^IXIC
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                                                      150.01
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         1979-10-03 ^IXIC
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                                     150.51
                                             150.51
                                                                     0
                                                                        3.333111e-01
## 2184
                                                      150.51
## 2185
         1979-10-04 ^IXIC
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                                             151.42
                                                      151.42
                                                                     0
                                                                        6.046110e-01
         1979-10-05 ^IXIC
                                             152.29
                            152.29
                                     152.29
                                                                     0
## 2186
                                                      152.29
                                                                        5.745608e-01
## 2187
         1979-10-08 ^IXIC
                            150.98
                                     150.98
                                             150.98
                                                      150.98
                                                                     0 -8.602009e-01
## 2188
         1979-10-09 ^IXIC
                            145.20
                                     145.20
                                             145.20
                                                      145.20
                                                                     0 -3.828322e+00
## 2189
                                     139.31
         1979-10-10 ^IXIC
                            139.31
                                             139.31
                                                      139.31
                                                                     0 -4.056474e+00
## 2190
         1979-10-11 ^IXIC
                            140.09
                                     140.09
                                             140.09
                                                      140.09
                                                                     0
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                            140.71
                                             140.71
## 2191
         1979-10-12 ^IXIC
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                                                      140.71
                                                                     0
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## 2192
         1979-10-15 ^IXIC
                            138.39
                                     138.39
                                             138.39
                                                      138.39
                                                                     0 -1.648781e+00
         1979-10-16 ^IXIC
## 2193
                            138.34
                                     138.34
                                             138.34
                                                      138.34
                                                                     0 -3.612978e-02
## 2194 1979-10-17 ^IXIC
                           139.04
                                     139.04
                                             139.04 139.04
                                                                     0 5.059997e-01
```

```
## 2195
         1979-10-18 ^IXIC
                           139.46
                                     139.46
                                            139.46
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                                                                     0 3.020713e-01
                            136.59
                                     136.59
                                             136.59
## 2196
         1979-10-19 ^IXIC
                                                      136.59
                                                                     0 -2.057938e+00
## 2197
         1979-10-22 ^IXIC
                                     133.16
                                                      133.16
                            133.16
                                             133.16
                                                                     0 -2.511165e+00
         1979-10-23 ^IXIC
## 2198
                            132.61
                                     132.61
                                             132.61
                                                      132.61
                                                                     0 -4.130369e-01
  2199
         1979-10-24 ^IXIC
                            133.02
                                     133.02
                                             133.02
                                                      133.02
                                                                     0
                                                                        3.091773e-01
                            132.72
                                             132.72
## 2200
         1979-10-25 ^IXIC
                                     132.72
                                                      132.72
                                                                     0
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## 2201
         1979-10-26 ^IXIC
                            133.75
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                                             133.75
                                                      133.75
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         1979-10-29 ^IXIC
                                                                        1.196262e-01
## 2202
                            133.91
                                     133.91
                                             133.91
                                                      133.91
                                                                     0
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         1979-10-30 ^IXIC
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  2204
         1979-10-31 ^IXIC
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         1979-11-01 ^IXIC
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         1979-11-02 ^IXIC
  2206
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                                     136.88
                                             136.88
                                                      136.88
                                                                     0
                                                                        3.371940e-01
  2207
         1979-11-05 ^IXIC
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                                     136.11
                                             136.11
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                                                                     0 -5.625365e-01
                                                                       -3.306149e-01
  2208
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                                     135.66
                                             135.66
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                                                                     0
## 2209
         1979-11-07 ^IXIC
                            134.14
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## 2210
         1979-11-08 ^IXIC
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                                     134.77
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                                                                     0
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                            135.86
## 2211
         1979-11-09 ^IXIC
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                                             135.86
                                                      135.86
                                                                     0
                                                                        8.087853e-01
  2212
         1979-11-12 ^IXIC
                            137.05
                                     137.05
                                              137.05
                                                                     0
                                                                        8.759017e-01
                                                      137.05
         1979-11-13 ^IXIC
## 2213
                            137.14
                                             137.14
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                                                      137.14
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                                                                        6.566946e-02
## 2214
         1979-11-14 ^IXIC
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                                     137.76
                                             137.76
                                                      137.76
                                                                     0
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## 2215
         1979-11-15 ^IXIC
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                                     138.92
                                             138.92
                                                      138.92
                                                                     0
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         1979-11-16 ^IXIC
                            139.07
                                             139.07
                                                                        1.079758e-01
## 2216
                                     139.07
                                                      139.07
                                                                     0
         1979-11-19 ^IXIC
                            139.98
                                             139.98
## 2217
                                     139.98
                                                      139.98
                                                                     0
                                                                        6.543467e-01
                            139.50
## 2218
         1979-11-20 ^IXIC
                                     139.50
                                             139.50
                                                      139.50
                                                                     0
                                                                       -3.429061e-01
## 2219
         1979-11-21 ^IXIC
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                                             138.88
                                                      138.88
                                                                     0
                                                                       -4.44444e-01
## 2220
         1979-11-23 ^IXIC
                            139.85
                                     139.85
                                             139.85
                                                      139.85
                                                                     0
                                                                        6.984447e-01
## 2221
         1979-11-26 ^IXIC
                            141.95
                                             141.95
                                                                        1.501609e+00
                                     141.95
                                                      141.95
                                                                     0
  2222
         1979-11-27 ^IXIC
                            142.55
                                     142.55
                                             142.55
                                                      142.55
                                                                     0
                                                                        4.226840e-01
## 2223
                            143.53
                                             143.53
         1979-11-28 ^IXIC
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                                                      143.53
                                                                     0
                                                                        6.874781e-01
## 2224
         1979-11-29 ^IXIC
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                                     144.16
                                             144.16
                                                      144.16
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                                                                        4.389326e-01
         1979-11-30 ^IXIC
## 2225
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                                     144.26
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                                                      144.26
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                                                                        6.936737e-02
  2226
         1979-12-03 ^IXIC
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                                             143.86
                                                      143.86
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   2227
         1979-12-04 ^IXIC
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                                                      144.80
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                                                                        6.534130e-01
  2228
         1979-12-05 ^IXIC
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                                                      145.92
                                                                     0
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         1979-12-06 ^IXIC
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                                     147.04
                                             147.04
                                                      147.04
                                                                     0
                                                                        7.675439e-01
                            147.49
                                             147.49
## 2230
         1979-12-07 ^IXIC
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                                                      147.49
                                                                     0
                                                                        3.060392e-01
## 2231
         1979-12-10 ^IXIC
                            147.97
                                     147.97
                                             147.97
                                                      147.97
                                                                     0
                                                                        3.254458e-01
## 2232
         1979-12-11 ^IXIC
                            147.83
                                     147.83
                                             147.83
                                                      147.83
                                                                     0
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         1979-12-12 ^IXIC
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                                                      148.51
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  2233
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                                                                     0
## 2234
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                                                                        3.097435e-01
         1979-12-14 ^IXIC
  2235
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                                     150.03
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                                                      150.03
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  2236
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         1979-12-20 ^IXIC
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                                                      150.27
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         1979-12-21 ^IXIC
## 2240
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                                             150.17
                                                                     0 -6.654688e-02
                                     150.17
                                                      150.17
## 2241
         1979-12-24 ^IXIC
                            149.97
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                                             149.97
                                                      149.97
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## 2242
         1979-12-26 ^IXIC
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                                                      150.01
                                                                     0
                                                                        2.667200e-02
## 2243
         1979-12-27 ^IXIC
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                                     150.23
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                                                      150.23
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                                                                        1.466569e-01
         1979-12-28 ^IXIC
## 2244
                            150.83
                                     150.83
                                             150.83
                                                      150.83
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                                                                        3.993876e-01
## 2245
         1979-12-31 ^IXIC
                            151.14
                                     151.14
                                             151.14
                                                                     0
                                                                        2.055294e-01
                                                      151.14
## 2246
         1980-01-02 ^IXIC
                            148.17
                                     148.17
                                             148.17
                                                      148.17
                                                                     0 -1.965066e+00
## 2247
         1980-01-03 ^IXIC
                            145.97
                                     145.97
                                             145.97
                                                                     0 -1.484781e+00
                                                      145.97
## 2248
         1980-01-04 ^IXIC
                           148.02
                                     148.02
                                             148.02 148.02
                                                                     0
                                                                        1.404398e+00
```

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## 2249
         1980-01-07 ^IXIC
                            148.62
                                     148.62
                                              148.62
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                                                                         4.053506e-01
## 2250
         1980-01-08 ^IXIC
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                                                       150.68
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                                              151.60
  2251
         1980-01-09 ^IXIC
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                                      151.60
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                                                                         1.002639e+00
  2252
         1980-01-10 ^IXIC
                             153.12
                                      153.12
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                                                       153.12
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         1980-01-11 ^IXIC
                             153.87
                                      153.87
                                              153.87
                                                       153.87
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##
  2254
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  2255
         1980-01-15 ^IXIC
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                                              154.96
                                                       154.96
                                                                      0
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         1980-01-16 ^IXIC
## 2256
                             155.99
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                                                       155.99
                                                                      0
                                                                         6.646877e-01
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         1980-01-17 ^IXIC
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         1980-01-18 ^IXIC
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         1980-01-21 ^IXIC
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                                     157.35
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                                                                         7.749456e-01
         1980-01-22 ^IXIC
   2260
                             156.92
##
                                     156.92
                                              156.92
                                                       156.92
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##
   2261
         1980-01-23 ^IXIC
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                                     158.50
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                                                                      0
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                                                       158.50
##
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         1980-01-24 ^IXIC
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                                      159.24
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                                                       159.24
                                                                      0
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  2263
         1980-01-25 ^IXIC
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                                              159.70
                                                                         2.888721e-01
##
                                      159.70
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         1980-01-28 ^IXIC
                             160.70
                                      160.70
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                                                       160.70
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                                                                         6.261741e-01
##
  2265
         1980-01-29 ^IXIC
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                                                                      0
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                                                       161.30
         1980-01-31 ^IXIC
##
  2267
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                                     161.75
                                              161.75
                                                       161.75
                                                                      0
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   2268
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                                                       162.30
                                                                      0
                                                                         3.400309e-01
##
  2269
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                                                                      0
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                                              162.20
  2270
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         1980-02-06 ^IXIC
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                                              162.99
## 2271
                                     162.99
                                                       162.99
                                                                      0
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  2272
         1980-02-07 ^IXIC
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                                     163.77
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                                                                      0
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## 2273
         1980-02-08 ^IXIC
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  2274
         1980-02-11 ^IXIC
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                                              164.98
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                                                                      0
                                                                         2.491341e-01
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                                              163.54
##
  2277
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## 2278
         1980-02-15 ^IXIC
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                                     162.56
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         1980-02-19 ^IXIC
## 2279
                             161.06
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##
   2280
         1980-02-20 ^IXIC
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                                     162.10
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                                                       162.10
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         1980-02-21 ^IXIC
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                                      161.31
                                              161.31
                                                                      0
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  2282
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                                     160.08
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                                                       160.08
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##
  2284
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## 2285
         1980-02-27 ^IXIC
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         1980-02-28 ^IXIC
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##
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         1980-02-29 ^IXIC
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##
  2288
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                                      156.87
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   2289
         1980-03-04 ^IXIC
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  2290
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                                              146.19
         1980-03-07 ^IXIC
                             146.19
##
  2292
                                      146.19
                                                       146.19
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  2293
         1980-03-10 ^IXIC
                             143.75
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                                              143.75
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                                                                      0 -1.669061e+00
         1980-03-11 ^IXIC
## 2294
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                                     144.56
                                                       144.56
  2295
         1980-03-12 ^IXIC
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                                                                      0
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         1980-03-17 ^IXIC
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                                      139.70
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                             138.92
                                              138.92
##
  2299
         1980-03-18 ^IXIC
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                                                       138.92
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## 2300
         1980-03-19 ^IXIC
                             139.97
                                      139.97
                                              139.97
                                                       139.97
                                                                      0
                                                                         7.558307e-01
## 2301
         1980-03-20 ^IXIC
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                                     139.64
                                              139.64
                                                                      0 -2.357648e-01
                                                       139.64
## 2302
         1980-03-21 ^IXIC
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                                     138.80
                                              138.80
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                                                                      0 -6.015468e-01
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                                     134.61
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         1980-03-25 ^IXIC
                             132.52
## 2304
                                     132.52
                                              132.52
                                                       132.52
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         1980-03-26 ^IXIC
                                      132.22
   2305
                             132.22
                                              132.22
                                                       132.22
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  2306
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                                     124.09
                                              124.09
                                                                        -6.148843e+00
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                             131.00
                                              131.00
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                                                       131.00
                                                                      0
                                                                         1.353965e+00
##
  2309
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## 2310
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                                                                      0
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                                     136.01
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                                                       136.01
                                                                      0
                                                                         1.546392e-01
  2312
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                                                                         7.271364e-01
         1980-04-09 ^IXIC
                             136.04
##
  2314
                                     136.04
                                              136.04
                                                       136.04
                                                                      0
                                                                         1.242837e+00
##
   2315
         1980-04-10 ^IXIC
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         1980-04-11 ^IXIC
##
   2316
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  2317
         1980-04-14 ^IXIC
                             136.67
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                                                                      0 -7.840290e-01
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         1980-04-15 ^IXIC
                             136.39
                                      136.39
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                                                       136.39
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##
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                                                       134.66
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         1980-04-21 ^IXIC
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                                                       133.08
                                                                      0
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##
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         1980-04-24 ^IXIC
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                                              138.69
## 2325
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                                                       137.92
                                                                      0
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  2328
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  2329
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##
                                     139.99
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                                                                         4.592752e-01
##
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         1980-05-01 ^IXIC
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                                     139.68
                                              139.68
                                                       139.68
                                                                      0
                                                                        -2.214444e-01
                             140.25
                                              140.25
##
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                                                       140.25
                                                                      0
                                                                         4.080756e-01
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         1980-05-05 ^IXIC
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                                     141.04
                                              141.04
                                                       141.04
                                                                      0
                                                                         5.632799e-01
##
  2333
         1980-05-06 ^IXIC
                             142.23
                                      142.23
                                              142.23
                                                       142.23
                                                                      0
                                                                         8.437323e-01
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                                              143.58
                                                       143.58
                                                                      0
                                                                         9.491668e-01
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                                      143.26
                                              143.26
                                                       143.26
                                                                      0
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##
                                     143.06
                                              143.06
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                                     142.96
                                              142.96
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                                                                      0
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                                              144.10
##
  2338
         1980-05-13 ^IXIC
                                     144.10
                                                       144.10
                                                                      0
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         1980-05-14 ^IXIC
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                                              145.66
                                                       145.66
                                                                      0
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## 2340
         1980-05-15 ^IXIC
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                                                       146.62
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                                                                         4.228618e-01
                                              147.24
##
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##
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                                     150.10
                                              150.10
                                                       150.10
                                                                      0
                                                                         4.147712e-01
         1980-05-28 ^IXIC
## 2348
                             150.70
                                              150.70
                                                                      0
                                                                         3.997335e-01
                                     150.70
                                                       150.70
##
  2349
         1980-05-29 ^IXIC
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                                     150.09
                                              150.09
                                                       150.09
                                                                      0
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  2350
         1980-05-30 ^IXIC
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                                     150.45
                                              150.45
                                                       150.45
                                                                      0
                                                                         2.398561e-01
                                              150.17
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         1980-06-02 ^IXIC
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                                     150.17
                                                       150.17
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                                                                        -1.861083e-01
   2352
         1980-06-03 ^IXIC
                             149.92
                                      149.92
                                              149.92
                                                       149.92
                                                                      0
                                                                        -1.664780e-01
##
  2353
         1980-06-04 ^IXIC
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                                     151.21
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                                                                         8.604589e-01
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## 2354
         1980-06-05 ^IXIC
                             152.21
                                     152.21
                                              152.21
                                                       152.21
                                                                      0
                                                                         6.613319e-01
## 2355
         1980-06-06 ^IXIC
                             152.68
                                     152.68
                                              152.68
                                                                      0
                                                                         3.087839e-01
                                                       152.68
## 2356
         1980-06-09 ^IXIC
                            153.00
                                     153.00
                                              153.00
                                                      153.00
                                                                      0
                                                                         2.095887e-01
```

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## 2357
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                                     154.15
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                                                       154.15
                                                                         7.516340e-01
                             155.22
                                     155.22
                                              155.22
  2358
         1980-06-11 ^IXIC
                                                       155.22
                                                                      0
                                                                         6.941291e-01
         1980-06-12 ^IXIC
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                                      155.31
                                              155.31
                                                       155.31
                                                                      0
                                                                         5.798222e-02
         1980-06-13 ^IXIC
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                                      156.59
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                                                                      0
                                                                         8.241581e-01
##
                                                       156.59
   2361
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                                      156.79
                                              156.79
                                                       156.79
                                                                      0
                                                                         1.277221e-01
##
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                                              156.98
  2362
         1980-06-17 ^IXIC
                                     156.98
                                                       156.98
                                                                      0
                                                                         1.211812e-01
  2363
         1980-06-18 ^IXIC
                             157.19
                                     157.19
                                              157.19
                                                       157.19
                                                                      0
                                                                         1.337750e-01
         1980-06-19 ^IXIC
## 2364
                             156.73
                                     156.73
                                              156.73
                                                       156.73
                                                                      0
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                                              156.99
                                                       156.99
                                                                      0
                                                                         3.066897e-01
   2367
         1980-06-24 ^IXIC
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                                     157.66
                                              157.66
                                                       157.66
                                                                      0
                                                                         4.267788e-01
         1980-06-25 ^IXIC
   2368
                             158.74
                                              158.74
##
                                     158.74
                                                       158.74
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                                                                         6.850184e-01
##
   2369
         1980-06-26 ^IXIC
                             159.00
                                     159.00
                                              159.00
                                                                      0
                                                                         1.637898e-01
                                                       159.00
##
   2370
         1980-06-27 ^IXIC
                             159.18
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                                              159.18
                                                       159.18
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                                                                         1.132075e-01
         1980-06-30 ^IXIC
  2371
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                                              157.78
                                                                      0
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##
                                     157.78
                                                       157.78
   2372
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                                                       158.17
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                                                                         2.471796e-01
##
##
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                                                       159.18
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         1980-07-03 ^IXIC
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                                      160.87
                                              160.87
                                                                      0
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                                                       160.87
         1980-07-07 ^IXIC
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                                              163.63
##
  2375
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                                                       163.63
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                                                                         1.715671e+00
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                                      163.58
                                              163.58
                                                       163.58
                                                                      0
                                                                        -3.055674e-02
##
  2377
         1980-07-09 ^IXIC
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                                                       164.09
                                                                      0
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                                              163.84
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                                                                      0
         1980-07-11 ^IXIC
                             164.82
                                              164.82
## 2379
                                     164.82
                                                       164.82
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                                                                         5.981445e-01
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                                              166.52
  2380
         1980-07-14 ^IXIC
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                                                       166.52
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##
  2381
         1980-07-15 ^IXIC
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                                     167.05
                                              167.05
                                                       167.05
                                                                      0
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                                                       167.10
                                                                      0
                                                                         2.993116e-02
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                             168.67
                                              168.67
                                                                      0
                                                                         9.395572e-01
##
                                     168.67
                                                       168.67
##
   2384
         1980-07-18 ^IXIC
                             169.99
                                     169.99
                                              169.99
                                                       169.99
                                                                      0
                                                                         7.825932e-01
   2385
                             170.48
                                              170.48
##
         1980-07-21 ^IXIC
                                     170.48
                                                       170.48
                                                                      0
                                                                         2.882523e-01
  2386
         1980-07-22 ^IXIC
                             169.79
                                     169.79
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                                                       169.79
                                                                      0
                                                                        -4.047396e-01
         1980-07-23 ^IXIC
##
   2387
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                                      169.82
                                              169.82
                                                       169.82
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                                                                         1.766889e-02
##
   2388
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                                     169.92
                                              169.92
                                                       169.92
                                                                      0
                                                                         5.888588e-02
   2389
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                             169.63
                                      169.63
                                              169.63
                                                       169.63
                                                                      0
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         1980-07-28 ^IXIC
                             170.02
##
   2390
                                     170.02
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                                                       170.02
                                                                      0
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   2391
         1980-07-29 ^IXIC
                             171.06
                                              171.06
                                                                      0
                                                                         6.116927e-01
                                      171.06
                                                       171.06
                             172.33
                                              172.33
                                                       172.33
##
  2392
         1980-07-30 ^IXIC
                                     172.33
                                                                      0
                                                                         7.424296e-01
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         1980-07-31 ^IXIC
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                                     171.81
                                              171.81
                                                       171.81
                                                                      0
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                                     172.49
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                                                       172.49
                                                                      0
                                                                         3.957860e-01
##
   2395
                             171.89
                                      171.89
                                              171.89
                                                                        -3.478463e-01
         1980-08-04 ^IXIC
                                                       171.89
                                                                      0
                             172.52
                                                                      0
##
  2396
         1980-08-05 ^IXIC
                                     172.52
                                              172.52
                                                       172.52
                                                                         3.665135e-01
  2397
         1980-08-06 ^IXIC
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                                     173.45
                                              173.45
                                                       173.45
                                                                      0
                                                                         5.390679e-01
  2398
         1980-08-07 ^IXIC
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                                     175.24
                                              175.24
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##
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                                     175.88
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         1980-08-11 ^IXIC
                                     177.11
                                              177.11
                                                                      0
                                                                         6.993405e-01
##
                             177.11
                                                       177.11
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                             176.62
                                     176.62
                                              176.62
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                                                                        -2.766642e-01
         1980-08-13 ^IXIC
## 2402
                             177.02
                                     177.02
                                              177.02
                                                       177.02
                                                                      0
                                                                         2.264749e-01
##
  2403
         1980-08-14 ^IXIC
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                                     178.76
                                              178.76
                                                       178.76
                                                                      0
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  2404
         1980-08-15 ^IXIC
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                                     179.89
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                                                       179.89
                                                                      0
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         1980-08-19 ^IXIC
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                                      176.28
                                              176.28
                                                       176.28
                                                                      0
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##
  2407
         1980-08-20 ^IXIC
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                                              177.68
                                                       177.68
                                                                      0
                                                                         7.941911e-01
## 2408
         1980-08-21 ^IXIC
                             179.91
                                     179.91
                                              179.91
                                                       179.91
                                                                      0
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## 2409
         1980-08-22 ^IXIC
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                                     181.70
                                              181.70
                                                                      0
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## 2410
         1980-08-25 ^IXIC
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                                     181.58
                                              181.58
                                                      181.58
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```

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## 2411
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                                     182.39
                                              182.39
                                                      182.39
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                            182.15
## 2412
         1980-08-27 ^IXIC
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                                              182.15
                                                      182.15
                                                                      0 -1.315862e-01
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                                              180.99
## 2413
         1980-08-28 ^IXIC
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                                                      180.99
                                                                      0
                                                                       -6.368378e-01
## 2414
         1980-08-29 ^IXIC
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                                              184.53
## 2416
         1980-09-03 ^IXIC
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                                                      184.53
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                                                                         1.201053e+00
## 2417
         1980-09-04 ^IXIC
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                                     185.05
                                              185.05
                                                      185.05
                                                                      0
                                                                         2.817970e-01
         1980-09-05 ^IXIC
## 2418
                             185.61
                                     185.61
                                              185.61
                                                      185.61
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                                                      184.45
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## 2420
         1980-09-09 ^IXIC
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                                                      184.84
                                                                      0
                                                                         2.114394e-01
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         1980-09-10 ^IXIC
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                                     186.31
                                              186.31
                                                      186.31
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                                                                         7.952824e-01
         1980-09-11 ^IXIC
## 2422
                             188.16
                                     188.16
                                              188.16
                                                      188.16
                                                                      0
                                                                         9.929687e-01
  2423
         1980-09-12 ^IXIC
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                                     189.58
                                              189.58
                                                                      0
                                                                         7.546769e-01
                                                      189.58
## 2424
         1980-09-15 ^IXIC
                             189.59
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                                              189.59
                                                      189.59
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         1980-09-16 ^IXIC
## 2425
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                                                                         9.072208e-01
                                     191.31
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                                                                      0
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                                     193.95
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                                                                      0
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##
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                                     195.33
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                                                      195.33
         1980-09-22 ^IXIC
                             195.94
                                              195.94
##
  2429
                                     195.94
                                                      195.94
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##
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                                              194.05
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                                                      194.05
         1980-09-26 ^IXIC
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## 2433
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                                                      190.77
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                                              185.79
                                                      185.79
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## 2435
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                                                      187.76
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                                     190.81
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                                     193.43
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                                                      193.43
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                                              196.01
##
  2439
         1980-10-06 ^IXIC
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                                                      196.01
                                                                      0
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                                     197.18
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                                              197.79
                                                      197.79
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                                              198.87
  2444
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                                                      198.87
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   2445
                     ^IXIC
                             199.02
                                     199.02
                                              199.02
                                                      199.02
                                                                      0
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                             199.43
                                              199.43
##
  2446
         1980-10-15 ^IXIC
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                                                      199.43
                                                                      0
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## 2447
         1980-10-16 ^IXIC
                             197.95
                                     197.95
                                              197.95
                                                      197.95
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## 2448
         1980-10-17 ^IXIC
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                                              197.15
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##
  2454
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## 2455
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         1980-11-03 ^IXIC
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                                                      196.03
                                                                      0
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                             193.96
                                              193.96
##
  2461
         1980-11-06 ^IXIC
                                     193.96
                                                      193.96
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## 2462
         1980-11-07 ^IXIC
                             193.51
                                     193.51
                                              193.51
                                                      193.51
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## 2463
         1980-11-10 ^IXIC
                            193.10
                                     193.10
                                              193.10
                                                                      0 -2.118754e-01
                                                      193.10
## 2464
         1980-11-11 ^IXIC
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                                     195.02
                                              195.02 195.02
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```

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## 2465
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                                     197.78
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         1980-11-13 ^IXIC
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                                     200.25
                                              200.25
                                                      200.25
## 2466
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                                                                         1.248862e+00
                                     201.76
                                                      201.76
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                                                                         7.540574e-01
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                                              205.02
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                                                                         6.183746e-01
##
  2470
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## 2472
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                                     207.06
                                              207.06
                                                      207.06
                                                                      0
                                                                         8.032715e-01
         1980-11-28 ^IXIC
## 2476
                             208.15
                                     208.15
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                                                                      0
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                                              203.71
                                                                       -5.856230e-01
## 2478
         1980-12-02 ^IXIC
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                                                                      0
## 2479
         1980-12-03 ^IXIC
                             204.90
                                     204.90
                                              204.90
                                                       204.90
                                                                      0
                                                                         5.841638e-01
         1980-12-04 ^IXIC
## 2480
                             206.19
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                                                       206.19
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                                     203.02
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                                                       195.87
                                                                      0 -3.521821e+00
         1980-12-09 ^IXIC
                                              195.07
## 2483
                             195.07
                                     195.07
                                                       195.07
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## 2484
         1980-12-10 ^IXIC
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                                     193.58
                                              193.58
                                                       193.58
                                                                      0 -7.638284e-01
                             188.75
##
  2485
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                                              188.75
                                                       188.75
                                                                      0 -2.495092e+00
## 2486
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                                                         0.51
                                                               2093900 -9.972980e+01
         1980-12-12
                      AAPL
                                       0.51
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                             191.22
## 2487
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                                     191.22
                                                       191.22
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  2488
         1980-12-15 ^IXIC
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                                              194.02
                                                       194.02
                                                                      0
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                                                         0.45
                                                                472000 -9.976548e+01
                                       0.45
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         1980-12-17 ^IXIC
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                                     194.02
                                              194.02
                                                       194.02
                                                                      0
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## 2493
         1980-12-17
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                      AAPL
                               0.46
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                                                0.46
                                                         0.46
## 2494
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                                     196.01
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                                                       196.01
                                                                      0
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                                     197.91
                                              197.91
                                                       197.91
                                                                         3.948200e+04
                                                                      0
                      AAPL
## 2498
                               0.53
         1980-12-22
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                      IXIC
                             199.79
                                     199.79
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                                                       199.79
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                                                                      0
  2500
         1980-12-23
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##
                      AAPL
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                                       0.55
                                                0.55
                                                         0.55
## 2501
         1980-12-23 ^IXIC
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                                              199.86
                                                       199.86
                                                                      0
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## 2502
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## 2503
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                                                                         3.440690e+04
                                                                      0
         1980-12-26
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                               0.63
                                                0.64
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## 2504
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                                                         0.63
                     ^IXIC
                             201.28
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         1980-12-26
                                     201.28
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                                                      201.28
                                                                      0
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## 2506
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## 2510
         1980-12-31
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         1981-01-02
                     ^IXIC
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## 2514
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                                                         0.60
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                                     204.17
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                                                         0.58
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         1981-01-06 ^IXIC
## 2517
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                                     204.07
                                              204.07
                                                      204.07
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## 2518
         1981-01-07 AAPL
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                                       0.55
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                                                         0.55
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                                     197.35
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                                                         0.54
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                                                      195.89
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         1981-01-08 ^IXIC
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  2522
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                                                        0.57
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         1981-01-09 ^IXIC
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                                              197.66
                                                      197.66
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##
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## 2541
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## 2549
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                                                      197.88
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         1981-02-02 ^IXIC
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                                     193.09
                                              193.09
                                                      193.09
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##
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##
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##
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## 2572
         1981-02-13 ^IXIC
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                                     193.89
                                              193.89
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                                                                     0 -3.699707e-01
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                     ^IXIC
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## 2603
                            200.14
                                     200.14
                                             200.14
                                                      200.14
                                                                     0 4.755238e+04
   2604
         1981-03-10 ^IXIC
                            199.03
                                     199.03
                                             199.03
                                                      199.03
                                                                     0 -5.546118e-01
   2605
         1981-03-10
                      AAPL
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                                               0.40
                                                        0.40
                                                               126700 -9.979903e+01
  2606
                            198.16
         1981-03-11 ^IXIC
                                             198.16
                                     198.16
                                                      198.16
                                                                     0 4.944000e+04
   2607
         1981-03-11
                      AAPL
                              0.39
                                       0.39
                                               0.39
                                                        0.39
                                                               133300 -9.980319e+01
                            200.67
  2608
                                     200.67
                                             200.67
                                                      200.67
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                                                                     0 5.135385e+04
## 2609
         1981-03-12
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                                               0.40
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                                                               264500 -9.980067e+01
## 2610
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                                       0.40
                                               0.40
                                                        0.40
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                                                                        0.000000e+00
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                            202.17
                                     202.17
                                             202.17
                                                      202.17
                                                                        5.044250e+04
  2611
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                              0.41
                                               0.42
                                                        0.41
                                                               166200 -9.979720e+01
## 2612
         1981-03-16
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         1981-03-16 ^IXIC
                            203.44
  2613
                                     203.44
                                             203.44
                                                      203.44
                                                                     0
                                                                        4.951951e+04
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         1981-03-17 ^IXIC
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                                     203.19
                                             203.19
                                                      203.19
                                                                     0 -1.228864e-01
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         1981-03-17
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                                       0.43
                                               0.44
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         1981-03-18 ^IXIC
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                                             204.00
                                                      204.00
                                                                     0 4.734186e+04
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                                       0.46
                                               0.46
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                                                               164900 -9.977451e+01
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                              0.46
                                       0.46
                                               0.46
                                                        0.46
                                                               168800
                                                                        0.000000e+00
## 2619
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                            204.45
                                     204.45
                                             204.45
                                                      204.45
                                                                     0
                                                                        4.434565e+04
                            206.29
                                             206.29
## 2620
         1981-03-20 ^IXIC
                                     206.29
                                                      206.29
                                                                     0
                                                                        8.999755e-01
         1981-03-20
## 2621
                      AAPL
                              0.46
                                       0.46
                                               0.46
                                                        0.46
                                                                65200 -9.977701e+01
## 2622
         1981-03-23
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                              0.48
                                       0.48
                                               0.48
                                                        0.48
                                                                98300
                                                                        4.347826e+00
                            207.62
                                                      207.62
  2623
         1981-03-23 ^IXIC
                                     207.62
                                             207.62
                                                                     Ω
                                                                        4.315417e+04
## 2624
         1981-03-24 ^IXIC
                            207.70
                                     207.70
                                             207.70
                                                      207.70
                                                                     0
                                                                        3.853193e-02
## 2625
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                                       0.48
                                               0.48
                                                        0.48
                                                               125700 -9.976890e+01
## 2626
         1981-03-25 ^IXIC
                            209.31
                                     209.31
                                             209.31
                                                      209.31
                                                                     0 4.350625e+04
```

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## 2627
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                     AAPL
                              0.47
                                       0.47
                                               0.47
                                                        0.47
                                                                 31500 -9.977545e+01
         1981-03-26 ^IXIC
## 2628
                            209.53
                                     209.53
                                             209.53
                                                      209.53
                                                                     0 4.448085e+04
                              0.46
                                       0.46
                                                        0.46
  2629
         1981-03-26
                      AAPL
                                                0.46
                                                                54800 -9.978046e+01
  2630
         1981-03-27
                    ^IXIC
                            208.82
                                     208.82
                                             208.82
                                                      208.82
                                                                     0 4.529565e+04
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                                       0.44
                                               0.44
                                                        0.44
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##
                              0.44
                                       0.44
                                               0.45
                                                        0.44
                                                                 44200 0.000000e+00
  2632
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                            208.96
  2633
         1981-03-30 ^IXIC
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                                             208.96
                                                      208.96
                                                                     0
                                                                        4.739091e+04
         1981-03-31 ^IXIC
                                                                        5.838438e-01
## 2634
                            210.18
                                     210.18
                                             210.18
                                                      210.18
                                                                     0
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                                               0.44
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                                                0.44
                                                        0.43
                                                                152100 -2.272727e+00
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                                     211.34
                                             211.34
                                                      211.34
                                                                     0 4.904884e+04
  2638
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                      AAPL
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                                       0.47
                                               0.47
                                                        0.47
                                                                140200 -9.977761e+01
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         1981-04-02 ^IXIC
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                                     211.96
                                             211.96
                                                      211.96
                                                                     0 4.499787e+04
##
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                                       0.47
                                               0.48
                                                        0.47
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## 2641
         1981-04-03 ^IXIC
                            212.65
                                             212.65
                                                      212.65
                                     212.65
                                                                     0 4.514468e+04
## 2642
         1981-04-06
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                                       0.46
                                                0.47
                                                        0.46
                                                                101800 -9.978368e+01
##
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                                                      211.27
                                                                     0 4.582826e+04
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                                       0.46
                                                0.46
                                                        0.46
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                                             211.76
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                                     211.76
                                                      211.76
  2646
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                                       0.48
                                               0.49
                                                        0.48
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##
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                                                                     0 4.423333e+04
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                              0.49
                                               0.49
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## 2649
                            213.91
                                     213.91
                                             213.91
                                                      213.91
                                                                     0 4.355510e+04
  2650
         1981-04-10
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                                               0.50
                                                        0.50
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                                                                     0 4.293000e+04
  2651
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  2652
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                                       0.50
                                               0.50
                                                        0.50
                                                                71700 -9.976760e+01
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                                     214.33
                                             214.33
                                                      214.33
                                                                     0 4.276600e+04
   2654
         1981-04-14 ^IXIC
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                                     213.39
                                             213.39
                                                      213.39
                                                                     0 -4.385760e-01
  2655
                              0.50
                                               0.50
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                                                        0.50
  2656
         1981-04-15 ^IXIC
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                                     214.98
                                             214.98
                                                      214.98
                                                                     0 4.289600e+04
## 2657
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                                       0.47
                                                0.48
                                                        0.47
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         1981-04-16 ^IXIC
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                                     216.64
                                             216.64
                                                      216.64
                                                                     0 4.599362e+04
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         1981-04-16
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                                                        0.45
                                                                106600 -9.979228e+01
                            217.55
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                                                      217.55
   2660
                                     217.55
                                                                     0 4.82444e+04
   2661
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                                               0.46
                                                        0.46
                                                                157800 -9.978855e+01
                                       0.46
         1981-04-21 ^IXIC
##
  2662
                            216.73
                                     216.73
                                             216.73
                                                      216.73
                                                                     0 4.701522e+04
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                                       0.51
                                                0.51
                                                        0.51
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                                                                       4.081633e+00
##
   2665
         1981-04-22 ^IXIC
                            217.19
                                     217.19
                                             217.19
                                                      217.19
                                                                        4.248627e+04
                                                                     0
                      AAPL
                              0.52
                                                0.52
                                                                259000 -9.976058e+01
##
  2666
         1981-04-23
                                       0.52
                                                        0.52
         1981-04-23 ^IXIC
   2667
                            218.02
                                     218.02
                                             218.02
                                                      218.02
                                                                     0
                                                                        4.182692e+04
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                      AAPL
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                                       0.52
                                               0.52
                                                        0.52
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                                     219.56
                                             219.56
                                                      219.56
                                                                     0
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         1981-04-27
                     ^IXIC
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                                     219.88
                                             219.88
                                                      219.88
                                                                     0
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                                       0.51
                                                0.52
                                                        0.51
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                     ^IXIC
## 2672
         1981-04-28
                            217.63
                                     217.63
                                             217.63
                                                      217.63
                                                                     0 4.257255e+04
## 2673
         1981-04-28
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                                       0.50
                                               0.51
                                                        0.50
                                                                143700 -9.977025e+01
                                                                60900 0.000000e+00
## 2674
         1981-04-29
                      AAPL
                              0.50
                                       0.50
                                                0.50
                                                        0.50
                                                                        4.314400e+04
## 2675
         1981-04-29
                     ^IXIC
                            216.22
                                     216.22
                                             216.22
                                                      216.22
                                                                     Ω
  2676
         1981-04-30
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                                       0.51
                                               0.51
                                                        0.51
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##
  2677
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## 2678
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                                       0.51
                                               0.51
                                                        0.51
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## 2679
         1981-05-01 ^IXIC
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                                     216.68
                                             216.68
                                                      216.68
                                                                     0 4.238627e+04
## 2680
         1981-05-04 ^IXIC
                           213.32
                                     213.32
                                             213.32
                                                     213.32
                                                                     0 -1.550674e+00
```

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## 2681
         1981-05-04
                     AAPL
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                                       0.50
                                                0.51
                                                        0.50
                                                                 64500 -9.976561e+01
         1981-05-05 ^IXIC
                                                      211.55
## 2682
                            211.55
                                     211.55
                                              211.55
                                                                      0 4.221000e+04
  2683
         1981-05-05
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                                                                 78300 -9.976365e+01
  2684
         1981-05-06
                      AAPL
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                                       0.49
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                                                        0.49
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         1981-05-06
                     ^IXIC
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                                     211.98
                                              211.98
                                                      211.98
                                                                      0
                                                                         4.316122e+04
                             213.66
                                     213.66
                                              213.66
                                                                      0
                                                                        7.925276e-01
##
  2686
         1981-05-07 ^IXIC
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  2687
         1981-05-07
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                                       0.50
                                                0.50
                                                        0.50
                                                                 41800 -9.976598e+01
## 2688
         1981-05-08
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                                       0.50
                                                0.50
                                                        0.50
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         1981-05-08 ^IXIC
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                                     214.84
                                              214.84
                                                      214.84
                                                                      0
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                                     212.79
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         1981-05-11 ^IXIC
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                                                      212.79
                                                                      0 -9.541985e-01
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                      AAPL
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                                       0.49
                                                0.49
                                                        0.49
                                                                 53300 -9.976973e+01
                     ^IXIC
  2692
                             213.12
                                              213.12
         1981-05-12
                                     213.12
                                                      213.12
                                                                      0
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   2693
         1981-05-12
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                                       0.49
                                                0.50
                                                        0.49
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##
  2694
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                                     213.78
                                              213.78
                                                      213.78
                                                                      0 4.352857e+04
## 2695
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                                       0.49
                                                0.49
                                                         0.49
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         1981-05-14
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                                              215.18
##
  2697
         1981-05-14 ^IXIC
                             215.18
                                     215.18
                                                      215.18
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   2698
         1981-05-15 ^IXIC
                             216.51
                                     216.51
                                              216.51
                                                      216.51
                                                                         6.180872e-01
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                                                0.50
                                                        0.49
## 2700
         1981-05-18
                     ^IXIC
                             216.94
                                     216.94
                                              216.94
                                                      216.94
                                                                      0
                                                                        4.417347e+04
## 2701
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                                       0.50
                                                0.50
                                                        0.50
                                                                 18600 -9.976952e+01
## 2702
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                                       0.49
                                                0.49
                                                         0.49
                                                                113500 -2.000000e+00
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         1981-05-19 ^IXIC
                             216.12
                                              216.12
                                     216.12
                                                      216.12
                                                                      0
                                                                        4.400612e+04
                             217.63
                                     217.63
## 2704
         1981-05-20 ^IXIC
                                              217.63
                                                      217.63
                                                                      0
                                                                         6.986859e-01
## 2705
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                                       0.51
                                                0.51
                                                         0.51
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  2706
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                                     218.35
                                              218.35
                                                      218.35
                                                                      0
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## 2707
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                                       0.54
                                                0.54
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                                                        0.54
## 2708
         1981-05-22
                     ^IXIC
                             219.23
                                     219.23
                                              219.23
                                                      219.23
                                                                      0
                                                                         4.049815e+04
## 2709
                               0.56
                                                0.56
                                                                140300 -9.974456e+01
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                      AAPL
                                       0.56
                                                        0.56
## 2710
         1981-05-26
                     ^IXIC
                             220.24
                                     220.24
                                              220.24
                                                      220.24
                                                                      0
                                                                         3.922857e+04
## 2711
         1981-05-26
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                                                         0.56
                                                                381000 -9.974573e+01
## 2712
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                                       0.59
                                                0.59
                                                         0.59
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                                                                        5.357143e+00
## 2713
         1981-05-27 ^IXIC
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                                     222.17
                                              222.17
                                                      222.17
                                                                        3.755593e+04
                                                                      0
## 2714
                               0.59
                                                0.59
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## 2715
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                             223.31
                                     223.31
                                              223.31
                                                      223.31
                                                                         3.774915e+04
                                                                      0
                               0.59
## 2716
                                                0.59
                                                                265100 -9.973579e+01
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                                       0.59
                                                        0.59
## 2717
         1981-05-29 ^IXIC
                             223.47
                                     223.47
                                              223.47
                                                      223.47
                                                                      0
                                                                        3.777627e+04
## 2718
         1981-06-01
                      AAPL
                               0.59
                                       0.59
                                                0.59
                                                        0.59
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## 2719
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                             223.02
                                     223.02
                                              223.02
                                                      223.02
                                                                         3.770000e+04
                                                                      0
                      AAPL
                               0.56
                                                0.56
                                                                180500 -9.974890e+01
## 2720
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                                       0.56
                                                        0.56
                             219.59
## 2721
         1981-06-02 ^IXIC
                                     219.59
                                              219.59
                                                      219.59
                                                                      0
                                                                        3.911250e+04
## 2722
         1981-06-03
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                                                0.57
                                                        0.56
                                                                176100 -9.974498e+01
                                       0.56
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                     ^IXIC
                             218.89
                                     218.89
                                              218.89
                                                      218.89
                                                                      0
                                                                         3.898750e+04
                                                0.58
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                               0.57
                                                        0.57
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                                              219.68
                                                      219.68
                                                                      0
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                                                0.57
                                                        0.56
                                       0.56
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                                     221.30
                                              221.30
                                                      221.30
                                                                      0
                                                                         3.941786e+04
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                                       0.54
                                                0.55
                                                         0.54
                                                                417400 -9.975599e+01
## 2729
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                                     220.84
                                              220.84
                                                      220.84
                                                                      0 4.079630e+04
## 2730
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                                       0.56
                                                0.56
                                                        0.56
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                                              220.01
                                                      220.01
                                                                         3.918750e+04
                                                                      0
## 2732
         1981-06-10
                      AAPL
                               0.56
                                       0.56
                                                0.57
                                                         0.56
                                                                112600 -9.974547e+01
         1981-06-10 ^IXIC
## 2733
                             220.40
                                     220.40
                                              220.40
                                                      220.40
                                                                      0 3.925714e+04
## 2734
         1981-06-11 AAPL
                               0.59
                                       0.59
                                                0.59
                                                        0.59
                                                                174000 -9.973230e+01
```

```
## 2735
         1981-06-11 ^IXIC
                           222.34
                                     222.34 222.34
                                                      222.34
                                                                     0 3.758475e+04
         1981-06-12 ^IXIC
                            222.76
                                     222.76
                                             222.76
                                                      222.76
## 2736
                                                                     0 1.888999e-01
                      AAPL
                                               0.58
                                                               115200 -9.973963e+01
## 2737
         1981-06-12
                              0.58
                                       0.58
                                                        0.58
## 2738
         1981-06-15
                      AAPL
                              0.58
                                       0.58
                                               0.58
                                                        0.58
                                                               641800 0.000000e+00
## 2739
         1981-06-15
                     ^IXIC
                            222.96
                                     222.96
                                             222.96
                                                      222.96
                                                                     0
                                                                        3.834138e+04
## 2740
                              0.57
                                               0.57
                                                               166300 -9.974435e+01
         1981-06-16
                      AAPL
                                       0.57
                                                        0.57
                            220.58
## 2741
         1981-06-16 ^IXIC
                                     220.58
                                             220.58
                                                      220.58
                                                                     0 3.859825e+04
## 2742
         1981-06-17
                      AAPL
                              0.56
                                       0.56
                                               0.56
                                                        0.56
                                                               123100 -9.974612e+01
## 2743
         1981-06-17 ^IXIC
                            220.61
                                     220.61
                                             220.61
                                                      220.61
                                                                     0
                                                                        3.929464e+04
## 2744
         1981-06-18 ^IXIC
                            218.71
                                     218.71
                                             218.71
                                                      218.71
                                                                     0 -8.612484e-01
## 2745
         1981-06-18
                      AAPL
                              0.56
                                       0.56
                                               0.56
                                                        0.56
                                                               102900 -9.974395e+01
                     ^IXIC
## 2746
                            219.56
                                             219.56
                                                      219.56
         1981-06-19
                                     219.56
                                                                     0
                                                                        3.910714e+04
## 2747
         1981-06-19
                      AAPL
                              0.54
                                       0.54
                                               0.54
                                                        0.54
                                                               122800 -9.975405e+01
## 2748
                                                                     0 4.038148e+04
         1981-06-22 ^IXIC
                            218.60
                                     218.60
                                             218.60
                                                      218.60
## 2749
         1981-06-22
                      AAPL
                              0.52
                                               0.52
                                                        0.52
                                                                 48400 -9.976212e+01
                                       0.52
## 2750
         1981-06-23
                     ^IXIC
                            219.23
                                     219.23
                                             219.23
                                                      219.23
                                                                     0 4.205962e+04
                              0.53
                                               0.53
                                                        0.53
                                                                 67100 -9.975824e+01
## 2751
         1981-06-23
                      AAPL
                                       0.53
## 2752
         1981-06-24
                     ^IXIC
                            218.77
                                     218.77
                                             218.77
                                                      218.77
                                                                     0 4.117736e+04
## 2753
                      AAPL
                              0.52
                                                               102800 -9.976231e+01
         1981-06-24
                                       0.52
                                               0.52
                                                        0.52
## 2754
         1981-06-25
                      AAPL
                              0.53
                                       0.53
                                               0.53
                                                        0.53
                                                               108300
                                                                       1.923077e+00
## 2755
         1981-06-25
                     ^IXIC
                            219.31
                                     219.31
                                             219.31
                                                      219.31
                                                                     0 4.127925e+04
## 2756
         1981-06-26
                              0.52
                                               0.52
                                                        0.52
                                                               106200 -9.976289e+01
                      AAPL
                                       0.52
                     ^IXIC
                            219.76
                                     219.76
                                             219.76
                                                                     0 4.216154e+04
## 2757
         1981-06-26
                                                      219.76
## 2758
         1981-06-29
                      AAPL
                               0.50
                                       0.50
                                               0.51
                                                        0.50
                                                                47300 -9.977248e+01
## 2759
         1981-06-29 ^IXIC
                            218.22
                                     218.22
                                             218.22
                                                      218.22
                                                                     0 4.354400e+04
## 2760
         1981-06-30
                      AAPL
                              0.46
                                       0.46
                                               0.47
                                                        0.46
                                                               160300 -9.978920e+01
## 2761
         1981-06-30 ^IXIC
                            215.75
                                     215.75
                                             215.75
                                                      215.75
                                                                     0 4.680217e+04
## 2762
         1981-07-01 ^IXIC
                            214.63
                                     214.63
                                             214.63
                                                      214.63
                                                                     0 -5.191194e-01
## 2763
         1981-07-01
                              0.46
                                               0.46
                                                               761000 -9.978568e+01
                      AAPL
                                       0.46
                                                        0.46
## 2764
         1981-07-02 ^IXIC
                            212.80
                                     212.80
                                             212.80
                                                      212.80
                                                                     0 4.616087e+04
## 2765
         1981-07-02
                      AAPL
                              0.46
                                       0.46
                                               0.46
                                                        0.46
                                                               135200 -9.978383e+01
  2766
         1981-07-06
                      AAPL
                              0.44
                                       0.44
                                               0.45
                                                        0.44
                                                                73800 -4.347826e+00
## 2767
         1981-07-06 ^IXIC
                            209.10
                                     209.10
                                             209.10
                                                      209.10
                                                                     0 4.742273e+04
                      AAPL
## 2768
                              0.45
                                               0.45
                                                                70700 -9.978479e+01
         1981-07-07
                                       0.45
                                                        0.45
## 2769
         1981-07-07 ^IXIC
                            208.01
                                     208.01
                                             208.01
                                                      208.01
                                                                       4.612444e+04
                                                                     0
         1981-07-08
                              0.47
                                                                74200 -9.977405e+01
## 2770
                      AAPL
                                       0.47
                                               0.47
                                                        0.47
## 2771
         1981-07-08 ^IXIC
                            208.44
                                     208.44
                                             208.44
                                                      208.44
                                                                     0 4.424894e+04
## 2772
         1981-07-09
                      AAPL
                              0.43
                                       0.43
                                               0.43
                                                        0.43
                                                               146800 -9.979371e+01
## 2773
         1981-07-09 ^IXIC
                            210.03
                                     210.03
                                             210.03
                                                      210.03
                                                                        4.874419e+04
                                                                     0
         1981-07-10
                      AAPL
                              0.40
                                               0.40
                                                               246300 -9.980955e+01
## 2774
                                       0.40
                                                        0.40
         1981-07-10 ^IXIC
                            210.54
                                             210.54
## 2775
                                     210.54
                                                      210.54
                                                                     0 5.253500e+04
## 2776
         1981-07-13
                      AAPL
                              0.41
                                       0.41
                                               0.41
                                                        0.41
                                                               204200 -9.980526e+01
## 2777
         1981-07-13 ^IXIC
                            210.86
                                     210.86
                                             210.86
                                                      210.86
                                                                     0
                                                                        5.132927e+04
## 2778
         1981-07-14
                              0.42
                                       0.42
                                               0.43
                                                        0.42
                                                                88300 -9.980082e+01
                      AAPL
         1981-07-14 ^IXIC
                            209.88
## 2779
                                     209.88
                                             209.88
                                                      209.88
                                                                     0 4.987143e+04
## 2780
         1981-07-15
                      AAPL
                              0.44
                                       0.44
                                               0.44
                                                        0.44
                                                                 48900 -9.979036e+01
## 2781
         1981-07-15 ^IXIC
                            210.84
                                     210.84
                                             210.84
                                                      210.84
                                                                     0
                                                                        4.781818e+04
                            212.02
                                             212.02
## 2782
         1981-07-16 ^IXIC
                                     212.02
                                                      212.02
                                                                     0 5.596661e-01
## 2783
         1981-07-16
                      AAPL
                              0.45
                                       0.45
                                               0.45
                                                        0.45
                                                                 68000 -9.978776e+01
## 2784
         1981-07-17
                      AAPL
                              0.46
                                       0.46
                                               0.46
                                                        0.46
                                                                88500
                                                                        2.22222e+00
## 2785
                            212.76
         1981-07-17 ^IXIC
                                     212.76
                                             212.76
                                                      212.76
                                                                     0
                                                                       4.615217e+04
## 2786
         1981-07-20
                      AAPL
                              0.43
                                       0.43
                                               0.43
                                                        0.43
                                                               105600 -9.979789e+01
## 2787
         1981-07-20 ^IXIC
                            209.27
                                     209.27
                                             209.27
                                                      209.27
                                                                     0 4.856744e+04
## 2788
         1981-07-21 AAPL
                              0.43
                                       0.43
                                               0.43
                                                        0.43
                                                               142600 -9.979452e+01
```

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## 2789
         1981-07-21 ^IXIC
                            207.71
                                     207.71
                                             207.71
                                                      207.71
                                                                     0 4.820465e+04
## 2790
         1981-07-22
                      AAPL
                              0.40
                                                0.41
                                                                101200 -9.980742e+01
                                       0.40
                                                        0.40
## 2791
         1981-07-22 ^IXIC
                            206.16
                                     206.16
                                             206.16
                                                      206.16
                                                                     0 5.144000e+04
                              0.42
## 2792
         1981-07-23
                      AAPL
                                       0.42
                                               0.42
                                                        0.42
                                                                153800 -9.979627e+01
## 2793
         1981-07-23
                     ^IXIC
                            206.41
                                     206.41
                                             206.41
                                                      206.41
                                                                     0
                                                                        4.904524e+04
                            208.00
                                     208.00
                                             208.00
                                                      208.00
                                                                     0
                                                                       7.703115e-01
## 2794
         1981-07-24 ^IXIC
                                                                128800 -9.979327e+01
## 2795
         1981-07-24
                      AAPL
                              0.43
                                       0.43
                                               0.43
                                                        0.43
## 2796
         1981-07-27
                      AAPL
                              0.45
                                       0.45
                                               0.45
                                                        0.45
                                                                77400 4.651163e+00
  2797
         1981-07-27 ^IXIC
                            209.42
                                     209.42
                                             209.42
                                                      209.42
                                                                     0
                                                                        4.643778e+04
                                                                102000 -9.979467e+01
## 2798
         1981-07-28
                      AAPL
                              0.43
                                       0.43
                                               0.43
                                                        0.43
  2799
         1981-07-28
                     ^IXIC
                            208.91
                                     208.91
                                             208.91
                                                      208.91
                                                                     0
                                                                        4.848372e+04
         1981-07-29 ^IXIC
## 2800
                            208.95
                                     208.95
                                             208.95
                                                      208.95
                                                                     0
                                                                        1.914700e-02
   2801
         1981-07-29
                      AAPL
                              0.42
                                       0.42
                                               0.43
                                                        0.42
                                                                 69200 -9.979899e+01
   2802
                                                                 44200
                                                                        4.761905e+00
         1981-07-30
                      AAPL
                               0.44
                                       0.44
                                                0.44
                                                        0.44
  2803
         1981-07-30 ^IXIC
                            210.03
                                     210.03
                                             210.03
                                                      210.03
                                                                     0 4.763409e+04
  2804
         1981-07-31
                      AAPL
                               0.45
                                       0.45
                                               0.45
                                                        0.45
                                                                 48900 -9.978574e+01
                            211.63
                                             211.63
   2805
         1981-07-31 ^IXIC
                                     211.63
                                                      211.63
                                                                     0 4.692889e+04
   2806
         1981-08-03 ^IXIC
                            210.40
                                     210.40
                                             210.40
                                                      210.40
                                                                     0 -5.812030e-01
  2807
                      AAPL
                              0.44
                                               0.45
                                                                 55500 -9.979087e+01
         1981-08-03
                                       0.44
                                                        0.44
  2808
         1981-08-04
                     ^IXIC
                            210.09
                                     210.09
                                             210.09
                                                      210.09
                                                                     0
                                                                        4.764773e+04
##
  2809
         1981-08-04
                      AAPL
                              0.45
                                       0.45
                                               0.45
                                                        0.45
                                                                141400 -9.978581e+01
  2810
         1981-08-05
                      AAPL
                               0.46
                                       0.46
                                               0.46
                                                        0.46
                                                                 78100
                                                                        2.22222e+00
         1981-08-05 ^IXIC
                            211.03
                                             211.03
                                                      211.03
## 2811
                                     211.03
                                                                     0
                                                                        4.577609e+04
  2812
         1981-08-06
                      AAPL
                               0.45
                                       0.45
                                                0.45
                                                        0.45
                                                                 47000 -9.978676e+01
                                     211.67
## 2813
         1981-08-06 ^IXIC
                            211.67
                                             211.67
                                                      211.67
                                                                     0 4.693778e+04
  2814
         1981-08-07
                      AAPL
                              0.45
                                       0.45
                                               0.45
                                                        0.45
                                                                 41100 -9.978740e+01
  2815
         1981-08-07 ^IXIC
                            211.36
                                     211.36
                                             211.36
                                                      211.36
                                                                        4.686889e+04
                                                                     0
   2816
         1981-08-10 ^IXIC
                            210.84
                                     210.84
                                             210.84
                                                      210.84
                                                                     0 -2.460257e-01
  2817
         1981-08-11 ^IXIC
                            211.67
                                     211.67
                                             211.67
                                                      211.67
                                                                     0 3.936634e-01
## 2818
         1981-08-11
                      AAPL
                              0.44
                                       0.44
                                               0.44
                                                        0.44
                                                                319000 -9.979213e+01
## 2819
         1981-08-12
                      AAPL
                              0.43
                                       0.43
                                               0.43
                                                        0.43
                                                                117300 -2.272727e+00
   2820
         1981-08-12 ^IXIC
                            211.95
                                     211.95
                                             211.95
                                                      211.95
                                                                     0 4.919070e+04
   2821
         1981-08-13 ^IXIC
                            212.36
                                     212.36
                                             212.36
                                                      212.36
                                                                     0 1.934418e-01
## 2822
                      AAPL
                              0.42
                                               0.42
                                                                122700 -9.980222e+01
         1981-08-13
                                       0.42
                                                        0.42
## 2823
         1981-08-14
                      AAPL
                              0.41
                                       0.41
                                               0.41
                                                        0.41
                                                                108000 -2.380952e+00
## 2824
         1981-08-14 ^IXIC
                                             212.12
                            212.12
                                     212.12
                                                      212.12
                                                                     0 5.163659e+04
## 2825
         1981-08-17 ^IXIC
                            209.65
                                     209.65
                                             209.65
                                                      209.65
                                                                     0 -1.164435e+00
## 2826
         1981-08-17
                      AAPL
                              0.40
                                       0.40
                                                0.40
                                                        0.40
                                                                 84400 -9.980921e+01
  2827
         1981-08-18 ^IXIC
                            207.01
                                     207.01
                                             207.01
                                                      207.01
                                                                        5.165250e+04
                                                                     0
## 2828
         1981-08-18
                      AAPL
                              0.39
                                               0.39
                                                        0.39
                                                                 75900 -9.981160e+01
                                       0.39
                      AAPL
                                                0.39
                                                        0.38
                                                                 92300 -2.564103e+00
  2829
         1981-08-19
                              0.38
                                       0.38
## 2830
         1981-08-19 ^IXIC
                            207.22
                                     207.22
                                             207.22
                                                      207.22
                                                                     0 5.443158e+04
   2831
         1981-08-20 ^IXIC
                            207.97
                                     207.97
                                             207.97
                                                      207.97
                                                                     0
                                                                        3.619342e-01
  2832
         1981-08-20
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                              0.39
                                       0.39
                                               0.39
                                                        0.39
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                                                                187100 -7.692308e+00
## 2833
         1981-08-21
                      AAPL
                               0.36
                                       0.36
                                                0.36
                                                        0.36
         1981-08-21 ^IXIC
## 2834
                            206.76
                                     206.76
                                             206.76
                                                      206.76
                                                                     0 5.733333e+04
## 2835
         1981-08-24
                      AAPL
                               0.34
                                       0.34
                                                0.34
                                                        0.34
                                                                103000 -9.983556e+01
## 2836
         1981-08-24 ^IXIC
                            200.76
                                     200.76
                                             200.76
                                                      200.76
                                                                     0 5.894706e+04
## 2837
         1981-08-25
                    ^IXIC
                            197.78
                                     197.78
                                             197.78
                                                      197.78
                                                                     0 -1.484359e+00
## 2838
         1981-08-25
                      AAPL
                              0.35
                                       0.35
                                               0.35
                                                        0.35
                                                                181700 -9.982304e+01
                            197.81
                                                      197.81
## 2839
         1981-08-26
                     ^IXIC
                                     197.81
                                             197.81
                                                                     0
                                                                        5.641714e+04
## 2840
         1981-08-26
                      AAPL
                              0.34
                                       0.34
                                                0.34
                                                        0.34
                                                                150000 -9.982812e+01
## 2841
         1981-08-27 ^IXIC
                            196.82
                                     196.82
                                             196.82
                                                      196.82
                                                                     0 5.778824e+04
## 2842
         1981-08-27 AAPL
                              0.34
                                       0.34
                                               0.34
                                                        0.34
                                                                115700 -9.982725e+01
```

```
## 2843
         1981-08-28 AAPL
                               0.36
                                        0.36
                                                0.36
                                                         0.36
                                                                 169800 5.882353e+00
## 2844
         1981-08-28 ^IXIC
                                      197.55
                                                       197.55
                             197.55
                                              197.55
                                                                      0
                                                                         5.477500e+04
                                              195.75
  2845
         1981-08-31 ^IXIC
                             195.75
                                      195.75
                                                       195.75
                                                                      0 -9.111617e-01
  2846
                      AAPL
                               0.36
                                        0.36
                                                 0.36
                                                         0.36
                                                                 182800 -9.981609e+01
##
         1981-08-31
   2847
         1981-09-01
                     ^IXIC
                             195.17
                                      195.17
                                              195.17
                                                       195.17
                                                                      0
                                                                         5.411389e+04
##
                               0.38
                                        0.38
                                                0.38
                                                                 165300 -9.980530e+01
   2848
         1981-09-01
                      AAPL
                                                         0.38
  2849
         1981-09-02
                      AAPL
                               0.39
                                        0.39
                                                 0.39
                                                         0.39
                                                                  86500
                                                                         2.631579e+00
         1981-09-02 ^IXIC
                                                                         5.000000e+04
## 2850
                             195.39
                                      195.39
                                              195.39
                                                       195.39
                                                                      0
   2851
         1981-09-03
                     ^IXIC
                             191.99
                                      191.99
                                              191.99
                                                       191.99
                                                                      0 -1.740110e+00
   2852
         1981-09-03
                      AAPL
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                                        0.37
                                                 0.37
                                                         0.37
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   2853
         1981-09-04
                      AAPL
                               0.36
                                        0.36
                                                 0.37
                                                         0.36
                                                                  68100 -2.702703e+00
                     ^IXIC
   2854
                                              189.63
##
         1981-09-04
                             189.63
                                      189.63
                                                       189.63
                                                                      0 5.257500e+04
   2855
         1981-09-08
                     ^IXIC
                             184.79
                                      184.79
                                              184.79
                                                       184.79
                                                                      0 -2.552339e+00
##
   2856
         1981-09-08
                      AAPL
                               0.35
                                        0.35
                                                0.35
                                                         0.35
                                                                 113600 -9.981060e+01
   2857
                      AAPL
                               0.35
                                        0.35
                                                 0.35
                                                         0.35
                                                                 136300
                                                                         0.000000e+00
         1981-09-09
##
   2858
         1981-09-09 ^IXIC
                             184.77
                                      184.77
                                              184.77
                                                       184.77
                                                                         5.269143e+04
                                                                      0
                               0.35
                                                 0.36
##
   2859
         1981-09-10
                      AAPL
                                        0.35
                                                         0.35
                                                                 155400 -9.981058e+01
   2860
         1981-09-10 ^IXIC
                             187.55
                                      187.55
                                              187.55
                                                       187.55
                                                                         5.348571e+04
                                                                      0
   2861
                      AAPL
                               0.35
##
         1981-09-11
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                     ^IXIC
                             189.81
                                      189.81
                                              189.81
                                                       189.81
                                                                      0
                                                                         5.413143e+04
##
   2863
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                                      189.62
                                              189.62
                                                       189.62
                                                                      0 -1.001001e-01
   2864
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                                        0.34
                                                 0.34
                                                         0.34
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  2865
                             189.56
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                                              189.56
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                                                                  86400 -3.030303e+00
##
  2867
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                                              187.82
                                                       187.82
                                                                      0 5.859375e+04
   2869
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                                      185.71
                                              185.71
                                                                      0 -1.123416e+00
                                                       185.71
   2870
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                               0.31
                                        0.31
                                                0.32
                                                         0.31
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   2871
                     ^IXIC
                             184.27
                                              184.27
                                                       184.27
##
         1981-09-18
                                      184.27
                                                                      0 5.934194e+04
  2872
         1981-09-18
                      AAPL
                               0.32
                                        0.32
                                                 0.32
                                                         0.32
                                                                 117500 -9.982634e+01
                     ^IXIC
  2873
##
         1981-09-21
                             184.41
                                      184.41
                                              184.41
                                                       184.41
                                                                      0
                                                                         5.752812e+04
   2874
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                                                                 218900 -9.982647e+01
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                                                 0.30
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                                                                 211700 -6.250000e+00
   2876
                             183.26
         1981-09-22
                     ^IXIC
                                      183.26
                                              183.26
                                                       183.26
                                                                         6.098667e+04
                                                                      0
   2877
         1981-09-23
                      AAPL
                               0.29
                                        0.29
                                                 0.30
                                                         0.29
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                     ^IXIC
                             179.99
                                      179.99
                                              179.99
##
   2878
         1981-09-23
                                                       179.99
                                                                      0
                                                                         6.196552e+04
   2879
         1981-09-24 ^IXIC
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                                      180.39
                                              180.39
                                                       180.39
                                                                      0
                                                                         2.222346e-01
  2880
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                               0.29
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                                                0.29
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                               0.25
                                        0.25
                                                0.26
                                                         0.25
                                                                 154500 -1.379310e+01
  2882
         1981-09-25 ^IXIC
                                              175.12
##
                             175.12
                                      175.12
                                                       175.12
                                                                      0
                                                                         6.994800e+04
                     ^IXIC
   2883
         1981-09-28
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                                      175.03
                                              175.03
                                                       175.03
                                                                      0 -5.139333e-02
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                                        0.26
                                                0.26
                                                         0.26
                                                                 409500 -9.985145e+01
##
   2885
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                     ^IXIC
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                                      178.51
                                              178.51
                                                       178.51
                                                                      0
                                                                         6.855769e+04
##
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                                                0.27
                                                         0.27
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                                        0.27
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                               0.27
                                        0.27
                                                 0.27
                                                         0.27
                                                                 223200
                                                                         0.000000e+00
         1981-09-30 ^IXIC
  2888
                             180.03
                                              180.03
##
                                      180.03
                                                       180.03
                                                                      0
                                                                         6.657778e+04
   2889
         1981-10-01 ^IXIC
                             181.09
                                      181.09
                                              181.09
                                                       181.09
                                                                      0
                                                                         5.887908e-01
   2890
         1981-10-01
                      AAPL
                               0.27
                                        0.27
                                                 0.27
                                                         0.27
                                                                 272900 -9.985090e+01
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   2891
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                      AAPL
                               0.29
                                        0.29
                                                0.30
                                                                 201100
                                                                         7.407407e+00
   2892
         1981-10-02
                     ^IXIC
                             184.37
                                      184.37
                                              184.37
                                                       184.37
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                                                                         6.347586e+04
                                                                 192400 -9.983728e+01
##
   2893
         1981-10-05
                      AAPL
                               0.30
                                        0.30
                                                 0.31
                                                         0.30
## 2894
         1981-10-05 ^IXIC
                             185.91
                                      185.91
                                              185.91
                                                       185.91
                                                                      0
                                                                         6.187000e+04
         1981-10-06 ^IXIC
## 2895
                             185.87
                                      185.87
                                              185.87
                                                       185.87
                                                                      0 -2.151579e-02
## 2896
         1981-10-06
                      AAPL
                               0.30
                                        0.30
                                                0.30
                                                         0.30
                                                                 126600 -9.983860e+01
```

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## 2897
         1981-10-07 ^IXIC 188.78 188.78
                                           188.78
                                                    188.78
                                                                  0 6.282667e+04
## 2898
                     AAPL
                             0.32
                                      0.32
                                              0.32
                                                      0.32
                                                              173400 -9.983049e+01
         1981-10-07
         1981-10-08 ^IXIC
                                                    191.01
                                                                   0 5.959062e+04
## 2899
                           191.01
                                    191.01
                                            191.01
## 2900
         1981-10-08
                     AAPL
                             0.33
                                      0.33
                                              0.33
                                                      0.33
                                                              138800 -9.982723e+01
## 2901
         1981-10-09 ^IXIC
                           191.27
                                    191.27
                                            191.27
                                                    191.27
                                                                   0
                                                                      5.786061e+04
## 2902
         1981-10-09
                     AAPL
                             0.33
                                      0.33
                                              0.34
                                                      0.33
                                                              243400 -9.982747e+01
## 2903
         1981-10-12 ^IXIC
                           191.28
                                    191.28
                                            191.28
                                                    191.28
                                                                   0 5.786364e+04
## 2904
         1981-10-12
                     AAPL
                              0.34
                                      0.34
                                              0.35
                                                      0.34
                                                              122100 -9.982225e+01
  2905
         1981-10-13 ^IXIC
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                                    191.92
                                            191.92
                                                    191.92
                                                                   0 5.634706e+04
                                                              197300 -9.982284e+01
## 2906
         1981-10-13
                     AAPL
                             0.34
                                      0.34
                                              0.35
                                                      0.34
  2907
         1981-10-14 ^IXIC
                           189.43
                                    189.43
                                            189.43
                                                    189.43
                                                                  0 5.561471e+04
## 2908
         1981-10-14
                     AAPL
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                                              0.33
                                                      0.32
                                                              138300 -9.983107e+01
                                      0.32
## 2909
         1981-10-15 ^IXIC
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                                    189.85
                                            189.85
                                                    189.85
                                                                  0 5.922812e+04
                             0.33
                                              0.33
                                                      0.33
## 2910
         1981-10-15
                     AAPL
                                      0.33
                                                              131400 -9.982618e+01
## 2911
         1981-10-16 ^IXIC
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                                    190.24
                                            190.24
                                                    190.24
                                                                   0 5.754848e+04
## 2912
         1981-10-16
                     AAPL
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                                      0.33
                                              0.33
                                                      0.33
                                                              162800 -9.982653e+01
                     AAPL
                              0.33
                                              0.33
                                                      0.33
                                                               91900 0.000000e+00
## 2913
         1981-10-19
                                      0.33
## 2914
         1981-10-19 ^IXIC
                           189.77
                                    189.77
                                            189.77
                                                    189.77
                                                                   0 5.740606e+04
## 2915
                     AAPL
                                                              159500 -9.981557e+01
         1981-10-20
                             0.35
                                      0.35
                                              0.35
                                                      0.35
## 2916
         1981-10-20 ^IXIC
                           191.23
                                    191.23
                                            191.23
                                                    191.23
                                                                   0 5.453714e+04
## 2917
         1981-10-21
                     AAPL
                             0.35
                                      0.35
                                              0.35
                                                      0.35
                                                              343300 -9.981697e+01
## 2918
         1981-10-21 ^IXIC
                           192.38
                                    192.38
                                            192.38
                                                    192.38
                                                                   0 5.486571e+04
         1981-10-22 ^IXIC
## 2919
                           192.43
                                    192.43
                                            192.43
                                                    192.43
                                                                   0 2.599023e-02
                     AAPL
                             0.35
                                              0.35
                                                      0.35
                                                              144100 -9.981812e+01
## 2920
         1981-10-22
                                      0.35
                             0.34
                     AAPL
                                                              124600 -2.857143e+00
## 2921
         1981-10-23
                                      0.34
                                              0.34
                                                      0.34
## 2922
         1981-10-23 ^IXIC
                           191.91
                                    191.91
                                           191.91
                                                    191.91
                                                                   0 5.634412e+04
## 2923
         1981-10-26
                     AAPL
                             0.34
                                      0.34
                                              0.34
                                                      0.34
                                                              121800 -9.982283e+01
## 2924
         1981-10-26 ^IXIC
                           191.01
                                    191.01
                                            191.01
                                                    191.01
                                                               0 5.607941e+04
## 2925
         1981-10-27
                     AAPL
                             0.35
                                      0.35
                                              0.35
                                                      0.35
                                                              382100 -9.981676e+01
## 2926
         1981-10-27 ^IXIC
                           192.61
                                    192.61
                                            192.61
                                                    192.61
                                                                  0 5.493143e+04
         1981-10-28 ^IXIC
## 2927
                           193.75
                                    193.75
                                            193.75
                                                    193.75
                                                                   0 5.918696e-01
## 2928
         1981-10-28
                     AAPL
                              0.36
                                      0.36
                                              0.36
                                                      0.36
                                                              197200 -9.981419e+01
                              0.35
                                              0.35
## 2929
         1981-10-29
                     AAPL
                                      0.35
                                                      0.35
                                                              136100 -2.777778e+00
                           193.08
## 2930
         1981-10-29 ^IXIC
                                                                  0 5.506571e+04
                                    193.08
                                            193.08
                                                    193.08
## 2931
         1981-10-30
                     AAPL
                             0.36
                                      0.36
                                              0.36
                                                      0.36
                                                              235400 -9.981355e+01
                           195.24
## 2932
         1981-10-30 ^IXIC
                                    195.24
                                            195.24
                                                    195.24
                                                                  0 5.413333e+04
## 2933
         1981-11-02
                     AAPL
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                                      0.36
                                              0.36
                                                      0.36
                                                              164800 -9.981561e+01
## 2934
         1981-11-02 ^IXIC
                           197.25
                                    197.25
                                            197.25
                                                    197.25
                                                                   0 5.469167e+04
## 2935
         1981-11-03
                     AAPL
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                                      0.35
                                              0.35
                                                      0.35
                                                              126700 -9.982256e+01
## 2936
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                                    198.78
                                            198.78
                                                    198.78
                                                                   0 5.669429e+04
                     AAPL
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                                                      0.34
                                                              106300 -9.982896e+01
## 2937
         1981-11-04
                             0.34
                                      0.34
## 2938
         1981-11-04 ^IXIC
                           199.73
                                    199.73
                                            199.73
                                                    199.73
                                                                  0 5.864412e+04
## 2939
         1981-11-05 ^IXIC
                            200.02
                                    200.02
                                            200.02
                                                    200.02
                                                                   0 1.451960e-01
                                      0.32
                                              0.32
                                                      0.32
                                                              104300 -9.984002e+01
## 2940
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                     AAPL
                             0.32
                                      0.32
                                              0.32
                                                              109800 0.000000e+00
## 2941
         1981-11-06
                     AAPL
                              0.32
                                                      0.32
         1981-11-06 ^IXIC
## 2942
                           199.97
                                    199.97
                                            199.97
                                                    199.97
                                                                  0 6.239062e+04
## 2943
         1981-11-09 ^IXIC
                            199.92
                                    199.92
                                            199.92
                                                    199.92
                                                                   0 -2.500375e-02
                             0.33
                                              0.33
                                                      0.33
                                                               91000 -9.983493e+01
## 2944
         1981-11-09 AAPL
                                      0.33
## 2945
         1981-11-10 ^IXIC
                           199.90
                                    199.90
                                            199.90
                                                    199.90
                                                               0 6.047576e+04
## 2946
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                     AAPL
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                                      0.33
                                              0.33
                                                     0.33
                                                               74800 -9.983492e+01
                           200.05
                                    200.05
                                            200.05
                                                    200.05
                                                               0 6.052121e+04
## 2947
         1981-11-11 ^IXIC
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## 2948
         1981-11-11 AAPL
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                                      0.34
                                              0.34
                                                              122500 -9.983004e+01
## 2949
         1981-11-12 AAPL
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                                      0.35
                                              0.35
                                                      0.35
                                                              178200 2.941176e+00
## 2950
         1981-11-12 ^IXIC
                          200.99
                                    200.99
                                           200.99 200.99
                                                                 0 5.732571e+04
```

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## 2951
         1981-11-13 ^IXIC
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                                     200.16
                                              200.16
                                                      200.16
                                                                     0 -4.129559e-01
## 2952
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                                       0.32
                                                0.33
                                                        0.32
                                                                 93800 -9.984013e+01
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                                                0.32
  2953
         1981-11-16
                      AAPL
                                       0.32
                                                        0.32
                                                                100700 0.000000e+00
  2954
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                                     197.16
                                              197.16
                                                      197.16
                                                                        6.151250e+04
                                                                     0
   2955
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                                       0.33
                                                0.33
                                                        0.33
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  2956
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                                              197.68
                                                      197.68
                                                                        5.980303e+04
##
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                                                        0.34
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                                                      197.60
## 2958
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                                     197.32
                                              197.32
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   2961
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                               0.34
                                       0.34
                                                0.34
                                                        0.34
                                                                170100 -9.982769e+01
         1981-11-20 ^IXIC
  2962
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                                     198.60
                                              198.60
                                                      198.60
                                                                     0 5.831176e+04
   2963
         1981-11-23 ^IXIC
                            198.01
                                     198.01
                                              198.01
                                                      198.01
                                                                     0 -2.970796e-01
##
  2964
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                                       0.32
                                                0.33
                                                        0.32
                                                                102500 -9.983839e+01
## 2965
         1981-11-24
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                                       0.32
                                                0.32
                                                        0.32
                                                                 98900
                                                                        0.000000e+00
                     ^IXIC
  2966
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                                     199.04
                                              199.04
                                                      199.04
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                               0.33
                                                0.33
                                                         0.33
                                                                234600 -9.983420e+01
   2967
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                      AAPL
                                       0.33
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         1981-11-25
                     ^IXIC
                            200.01
                                     200.01
                                              200.01
                                                      200.01
                                                                        6.050909e+04
                                                                     0
                      AAPL
                              0.34
                                                0.34
                                                                166300 -9.983001e+01
  2969
         1981-11-27
                                       0.34
                                                        0.34
   2970
         1981-11-27
                     ^IXIC
                            201.02
                                     201.02
                                              201.02
                                                      201.02
                                                                     0
                                                                        5.902353e+04
##
  2971
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                                       0.33
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                                                                107000 -9.983584e+01
  2972
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                                     201.37
                                              201.37
                                                      201.37
                                                                        6.092121e+04
                                                                     0
## 2973
                      AAPL
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                                       0.33
                                                0.33
                                                        0.33
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                            201.13
                                              201.13
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  2974
         1981-12-01 ^IXIC
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                                                      201.13
                                                                     0
                            200.35
                                              200.35
## 2975
         1981-12-02 ^IXIC
                                     200.35
                                                      200.35
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                                                0.34
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                                       0.33
                                                0.33
                                                        0.33
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                                                                        0.000000e+00
                            199.90
                                              199.90
   2978
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                                                      199.90
                                                                     0
                                                                        6.047576e+04
  2979
                            200.88
                                     200.88
                                              200.88
                                                      200.88
                                                                     0
                                                                        4.902451e-01
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  2980
         1981-12-04
                      AAPL
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                                       0.34
                                                0.34
                                                        0.34
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## 2981
         1981-12-07
                      AAPL
                               0.34
                                       0.34
                                                0.34
                                                        0.34
                                                                264700
                                                                        0.000000e+00
   2982
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                            199.71
                                     199.71
                                              199.71
                                                      199.71
                                                                     0
                                                                        5.863824e+04
   2983
         1981-12-08
                      AAPL
                               0.33
                                       0.33
                                                0.34
                                                         0.33
                                                                226000 -9.983476e+01
  2984
                            198.13
                                                      198.13
                     ^IXIC
                                              198.13
         1981-12-08
                                     198.13
                                                                     0
                                                                        5.993939e+04
   2985
         1981-12-09
                      AAPL
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                                       0.34
                                                0.34
                                                        0.34
                                                                153000 -9.982840e+01
  2986
         1981-12-09 ^IXIC
                            198.29
                                     198.29
                                              198.29
                                                      198.29
                                                                     0 5.822059e+04
  2987
         1981-12-10
                      AAPI
                               0.34
                                       0.34
                                                0.34
                                                        0.34
                                                                167000 -9.982853e+01
##
  2988
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                                     198.92
                                              198.92
                                                      198.92
                                                                        5.840588e+04
                                                                     0
   2989
         1981-12-11
                      AAPL
                               0.33
                                       0.33
                                                0.34
                                                         0.33
                                                                339700 -9.983410e+01
  2990
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                            198.64
                                     198.64
                                              198.64
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                                              197.01
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                                                                     0 5.025128e+04
         1981-12-22 ^IXIC
## 3003
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## 3004
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                                                                240300 -9.979554e+01
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                                                                     0 5.001538e+04
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##
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                                              176.29
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## 3103
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                                                0.30
                                                        0.30
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                                                0.29
                                                         0.29
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  3107
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                                                0.30
                                                        0.29
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                                              170.42
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                                                      170.42
                                                                      0
                                                                         4.183607e-01
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                                       0.29
                                                0.29
                                                        0.29
                                                                388100 -9.982983e+01
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                                     170.09
                                              170.09
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                                                                     0 5.855172e+04
## 3112
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                                       0.29
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## 3113
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                                            168.23
                                                     168.23
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## 3114
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                                               0.27
                                                              207800 -9.983951e+01
                                      0.27
                                                       0.27
## 3115
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                                    167.92
                                             167.92
                                                     167.92
                                                                    0 6.209259e+04
## 3116
         1982-03-15
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## 3117
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                                                     168.28
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## 3118
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                                                       0.27
                                                               210500 -9.983955e+01
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## 3119
                                    168.20
                                             168.20
                                                     168.20
## 3120
         1982-03-17
                      AAPL
                              0.25
                                      0.25
                                               0.25
                                                       0.25
                                                               225400 -9.985137e+01
## 3121
         1982-03-18 ^IXIC
                            170.13
                                    170.13
                                            170.13
                                                     170.13
                                                                    0 6.795200e+04
                                                               251500 -9.984130e+01
## 3122
         1982-03-18
                      AAPL
                              0.27
                                      0.27
                                               0.27
                                                       0.27
## 3123
         1982-03-19 ^IXIC
                            171.76
                                    171.76
                                            171.76
                                                     171.76
                                                                    0 6.351481e+04
## 3124
         1982-03-19
                      AAPL
                              0.30
                                               0.30
                                                       0.30
                                                               293800 -9.982534e+01
                                      0.30
## 3125
         1982-03-22
                      AAPL
                              0.32
                                      0.32
                                               0.32
                                                       0.32
                                                               308900 6.666667e+00
         1982-03-22 ^IXIC
                                            173.83
                                                     173.83
                                                                    0 5.422188e+04
## 3126
                            173.83
                                    173.83
## 3127
         1982-03-23 ^IXIC
                            174.95
                                    174.95
                                             174.95
                                                     174.95
                                                                   0 6.443077e-01
## 3128
         1982-03-23
                      AAPL
                              0.31
                                      0.31
                                               0.32
                                                       0.31
                                                               249800 -9.982281e+01
         1982-03-24 ^IXIC
                            174.84
                                    174.84
                                            174.84
                                                     174.84
                                                                    0 5.630000e+04
## 3129
## 3130
         1982-03-24
                      AAPL
                              0.30
                                      0.30
                                               0.30
                                                       0.30
                                                               230400 -9.982841e+01
         1982-03-25
                                                       0.29
## 3131
                      AAPL
                              0.29
                                      0.29
                                               0.30
                                                              375500 -3.333333e+00
## 3132
         1982-03-25
                     ^IXIC
                            175.83
                                    175.83
                                             175.83
                                                     175.83
                                                                    0 6.053103e+04
## 3133
         1982-03-26
                    ^IXIC
                            175.20
                                    175.20
                                             175.20
                                                     175.20
                                                                    0 -3.583006e-01
## 3134
         1982-03-26
                      AAPL
                              0.29
                                      0.29
                                               0.29
                                                       0.29
                                                               226700 -9.983447e+01
         1982-03-29 ^IXIC
## 3135
                            175.50
                                    175.50
                                            175.50
                                                     175.50
                                                                    0 6.041724e+04
         1982-03-29
                      AAPL
                                               0.30
                                                               301800 -9.982906e+01
## 3136
                              0.30
                                      0.30
                                                       0.30
                     AAPL
                              0.30
                                               0.30
                                                               348000 0.000000e+00
## 3137
         1982-03-30
                                      0.30
                                                       0.30
## 3138
         1982-03-30 ^IXIC
                            175.42
                                    175.42
                                            175.42
                                                     175.42
                                                                    0 5.837333e+04
## 3139
         1982-03-31 ^IXIC
                            175.65
                                    175.65
                                            175.65
                                                     175.65
                                                                    0 1.311139e-01
## 3140
         1982-03-31
                      AAPL
                              0.30
                                      0.30
                                               0.30
                                                       0.30
                                                               223900 -9.982921e+01
                                               0.32
## 3141
         1982-04-01
                      AAPL
                              0.32
                                      0.32
                                                       0.32
                                                               264000 6.666667e+00
## 3142
         1982-04-01 ^IXIC
                            177.31
                                    177.31
                                            177.31
                                                     177.31
                                                                   0 5.530938e+04
## 3143
         1982-04-02
                      AAPL
                              0.32
                                      0.32
                                               0.32
                                                       0.32
                                                               378600 -9.981953e+01
## 3144
         1982-04-02 ^IXIC
                            178.56
                                    178.56
                                            178.56
                                                     178.56
                                                                   0 5.570000e+04
## 3145
         1982-04-05 ^IXIC
                            178.21
                                    178.21
                                             178.21
                                                     178.21
                                                                    0 -1.960125e-01
                                                       0.32
## 3146
                      AAPL
                              0.32
                                      0.32
                                               0.32
                                                              386800 -9.982044e+01
         1982-04-05
## 3147
         1982-04-06
                     ^IXIC
                            178.68
                                    178.68
                                            178.68
                                                     178.68
                                                                   0 5.573750e+04
## 3148
         1982-04-06
                      AAPL
                              0.31
                                      0.31
                                               0.32
                                                       0.31
                                                              319600 -9.982651e+01
## 3149
         1982-04-07
                      AAPL
                              0.31
                                      0.31
                                               0.31
                                                       0.31
                                                               129900 0.000000e+00
## 3150
         1982-04-07 ^IXIC
                            179.91
                                    179.91
                                            179.91
                                                     179.91
                                                                    0 5.793548e+04
## 3151
         1982-04-08
                      AAPL
                              0.31
                                      0.31
                                               0.31
                                                       0.31
                                                               107100 -9.982769e+01
         1982-04-08 ^IXIC
                            181.15
                                    181.15
                                            181.15
                                                     181.15
                                                                    0 5.833548e+04
## 3152
                     AAPL
                                                               197800 -9.982887e+01
## 3153
         1982-04-12
                              0.31
                                      0.31
                                               0.31
                                                       0.31
         1982-04-12 ^IXIC
## 3154
                            180.89
                                    180.89
                                            180.89
                                                     180.89
                                                                   0 5.825161e+04
  3155
         1982-04-13
                      AAPL
                              0.29
                                      0.29
                                               0.29
                                                       0.29
                                                               380800 -9.983968e+01
## 3156
         1982-04-13 ^IXIC
                            180.76
                                    180.76
                                             180.76
                                                     180.76
                                                                   0 6.223103e+04
                                                               507100 -9.983957e+01
## 3157
         1982-04-14
                      AAPL
                              0.29
                                      0.29
                                               0.29
                                                       0.29
         1982-04-14 ^IXIC
## 3158
                            180.41
                                    180.41
                                             180.41
                                                     180.41
                                                                   0 6.211034e+04
## 3159
         1982-04-15 ^IXIC
                            181.12
                                    181.12
                                             181.12
                                                     181.12
                                                                    0
                                                                       3.935480e-01
## 3160
                              0.29
                                               0.29
                                                       0.29
         1982-04-15
                      AAPL
                                      0.29
                                                               733400 -9.983989e+01
## 3161
         1982-04-16
                      AAPL
                              0.30
                                      0.30
                                               0.30
                                                       0.30
                                                               464500 3.448276e+00
## 3162
         1982-04-16
                    ^IXIC
                            182.25
                                    182.25
                                             182.25
                                                     182.25
                                                                0
                                                                       6.065000e+04
## 3163
                              0.29
                                               0.30
                                                       0.29
                                                               184300 -9.984088e+01
         1982-04-19
                      AAPL
                                      0.29
                                                     182.37
## 3164
         1982-04-19 ^IXIC
                            182.37
                                    182.37
                                             182.37
                                                                    0 6.278621e+04
## 3165
         1982-04-20 AAPL
                              0.28
                                      0.28
                                               0.28
                                                       0.28
                                                               359600 -9.984647e+01
## 3166 1982-04-20 ^IXIC
                           181.94
                                    181.94
                                            181.94
                                                    181.94
                                                                  0 6.487857e+04
```

```
## 3167
         1982-04-21 ^IXIC
                           182.32
                                     182.32
                                             182.32
                                                      182.32
                                                                     0 2.088601e-01
                      AAPL
                              0.28
                                       0.28
                                                0.28
                                                                326000 -9.984642e+01
## 3168
         1982-04-21
                                                        0.28
                                                      183.66
## 3169
         1982-04-22 ^IXIC
                            183.66
                                     183.66
                                             183.66
                                                                     0 6.549286e+04
## 3170
         1982-04-22
                      AAPL
                              0.27
                                       0.27
                                               0.28
                                                        0.27
                                                                234800 -9.985299e+01
  3171
         1982-04-23
                      AAPL
                              0.27
                                       0.27
                                               0.28
                                                        0.27
                                                                215600
                                                                        0.000000e+00
## 3172
         1982-04-23
                            184.93
                                             184.93
                                                      184.93
                                                                     0 6.839259e+04
                     ^IXIC
                                     184.93
         1982-04-26 ^IXIC
                            185.80
## 3173
                                     185.80
                                             185.80
                                                      185.80
                                                                     0
                                                                       4.704483e-01
## 3174
         1982-04-26
                      AAPL
                              0.28
                                       0.28
                                               0.28
                                                        0.28
                                                                258600 -9.984930e+01
  3175
         1982-04-27
                      AAPL
                              0.27
                                       0.27
                                               0.27
                                                        0.27
                                                                313700 -3.571429e+00
## 3176
         1982-04-27
                     ^IXIC
                            184.72
                                     184.72
                                             184.72
                                                      184.72
                                                                     0 6.831481e+04
  3177
         1982-04-28
                     ^IXIC
                            184.89
                                     184.89
                                             184.89
                                                      184.89
                                                                     0 9.203118e-02
## 3178
         1982-04-28
                      AAPL
                              0.26
                                       0.26
                                               0.26
                                                        0.26
                                                                443000 -9.985938e+01
  3179
         1982-04-29
                      AAPL
                              0.26
                                       0.26
                                               0.26
                                                        0.26
                                                                367100 0.000000e+00
## 3180
         1982-04-29
                     ^IXIC
                            184.15
                                     184.15
                                             184.15
                                                      184.15
                                                                     0
                                                                       7.072692e+04
## 3181
         1982-04-30 ^IXIC
                            184.70
                                     184.70
                                             184.70
                                                      184.70
                                                                     0
                                                                        2.986696e-01
## 3182
         1982-04-30
                      AAPL
                               0.26
                                       0.26
                                                0.27
                                                        0.26
                                                               1238400 -9.985923e+01
                            184.97
                                             184.97
                                                      184.97
## 3183
         1982-05-03 ^IXIC
                                     184.97
                                                                     0 7.104231e+04
  3184
         1982-05-03
                      AAPL
                              0.27
                                       0.27
                                                0.27
                                                        0.27
                                                                369200 -9.985403e+01
## 3185
         1982-05-04 ^IXIC
                            185.95
                                             185.95
                                                                     0 6.877037e+04
                                     185.95
                                                      185.95
## 3186
         1982-05-04
                      AAPL
                              0.28
                                       0.28
                                                0.28
                                                        0.28
                                                                330300 -9.984942e+01
## 3187
         1982-05-05
                    ^IXIC
                            185.88
                                     185.88
                                             185.88
                                                      185.88
                                                                     0 6.628571e+04
## 3188
         1982-05-05
                               0.28
                                                0.28
                                                        0.28
                                                                240800 -9.984937e+01
                      AAPL
                                       0.28
         1982-05-06 ^IXIC
## 3189
                            187.27
                                             187.27
                                                      187.27
                                                                        6.678214e+04
                                     187.27
                                                                     0
                                                                336900 -9.984514e+01
## 3190
         1982-05-06
                      AAPL
                               0.29
                                       0.29
                                               0.29
                                                        0.29
                            188.13
                                             188.13
## 3191
         1982-05-07 ^IXIC
                                     188.13
                                                      188.13
                                                                     0 6.477241e+04
  3192
         1982-05-07
                      AAPL
                              0.29
                                       0.29
                                               0.29
                                                        0.29
                                                                378200 -9.984585e+01
## 3193
         1982-05-10
                      AAPL
                              0.29
                                       0.29
                                               0.29
                                                        0.29
                                                                141100 0.000000e+00
  3194
         1982-05-10 ^IXIC
                            187.57
                                     187.57
                                             187.57
                                                      187.57
                                                                     0
                                                                        6.457931e+04
## 3195
         1982-05-11
                              0.28
                                       0.28
                                                0.28
                                                        0.28
                                                                459900 -9.985072e+01
                      AAPL
  3196
         1982-05-11 ^IXIC
                            188.19
                                     188.19
                                             188.19
                                                      188.19
                                                                     0 6.711071e+04
## 3197
         1982-05-12
                      AAPL
                               0.27
                                       0.27
                                               0.27
                                                        0.27
                                                                317000 -9.985653e+01
  3198
         1982-05-12 ^IXIC
                            188.06
                                     188.06
                                             188.06
                                                      188.06
                                                                     0 6.955185e+04
  3199
         1982-05-13 ^IXIC
                            187.66
                                     187.66
                                             187.66
                                                      187.66
                                                                     0 -2.126981e-01
## 3200
                      AAPL
                              0.27
                                                                243100 -9.985612e+01
         1982-05-13
                                       0.27
                                               0.27
                                                        0.27
  3201
         1982-05-14
                     ^IXIC
                            188.22
                                     188.22
                                             188.22
                                                      188.22
                                                                        6.961111e+04
                                                                     0
## 3202
                              0.26
                                                        0.26
                                                                427400 -9.986186e+01
         1982-05-14
                      AAPL
                                       0.26
                                               0.27
## 3203
         1982-05-17 ^IXIC
                            186.90
                                     186.90
                                             186.90
                                                      186.90
                                                                     0 7.178462e+04
## 3204
         1982-05-17
                      AAPL
                              0.26
                                       0.26
                                               0.26
                                                        0.26
                                                                340200 -9.986089e+01
## 3205
         1982-05-18
                      AAPL
                              0.25
                                       0.25
                                               0.25
                                                        0.25
                                                                544800 -3.846154e+00
## 3206
         1982-05-18 ^IXIC
                            185.81
                                     185.81
                                             185.81
                                                                     0 7.422400e+04
                                                      185.81
         1982-05-19 ^IXIC
                            183.91
   3207
                                     183.91
                                             183.91
                                                      183.91
                                                                     0 -1.022550e+00
## 3208
         1982-05-19
                      AAPL
                              0.25
                                       0.25
                                               0.25
                                                        0.25
                                                                336100 -9.986406e+01
   3209
         1982-05-20
                      AAPL
                              0.25
                                       0.25
                                               0.25
                                                        0.25
                                                                123300 0.000000e+00
  3210
         1982-05-20
                    ^IXIC
                            182.72
                                     182.72
                                             182.72
                                                      182.72
                                                                     0 7.298800e+04
## 3211
         1982-05-21
                      AAPL
                               0.25
                                       0.25
                                                0.26
                                                        0.25
                                                                173400 -9.986318e+01
                     ^IXIC
## 3212
         1982-05-21
                            182.40
                                     182.40
                                             182.40
                                                      182.40
                                                                     0 7.286000e+04
## 3213
         1982-05-24
                      AAPL
                               0.26
                                       0.26
                                                0.26
                                                        0.26
                                                                142800 -9.985746e+01
## 3214
         1982-05-24 ^IXIC
                            181.71
                                     181.71
                                             181.71
                                                      181.71
                                                                     0 6.978846e+04
## 3215
         1982-05-25
                    ^IXIC
                            181.12
                                     181.12
                                             181.12
                                                      181.12
                                                                     0 -3.246932e-01
## 3216
         1982-05-25
                      AAPL
                              0.26
                                       0.26
                                               0.26
                                                        0.26
                                                                230200 -9.985645e+01
                            178.76
                                             178.76
## 3217
         1982-05-26
                     ^IXIC
                                     178.76
                                                      178.76
                                                                     0
                                                                        6.865385e+04
## 3218
         1982-05-26
                      AAPL
                              0.25
                                       0.25
                                               0.26
                                                        0.25
                                                                193200 -9.986015e+01
## 3219
         1982-05-27 ^IXIC
                            178.37
                                     178.37
                                             178.37
                                                      178.37
                                                                     0 7.124800e+04
## 3220
         1982-05-27 AAPL
                              0.25
                                       0.25
                                               0.25
                                                        0.25
                                                                139500 -9.985984e+01
```

```
1982-05-28 ^IXIC
                            178.54
                                     178.54
                                              178.54
                                                      178.54
                                                                      0 7.131600e+04
## 3222
                               0.25
                                                0.25
                                                         0.25
         1982-05-28
                      AAPL
                                       0.25
                                                                 85700 -9.985998e+01
                                                                         0.000000e+00
## 3223
         1982-06-01
                      AAPL
                               0.25
                                       0.25
                                                0.25
                                                         0.25
                                                                212500
  3224
         1982-06-01 ^IXIC
                             177.36
                                     177.36
                                              177.36
                                                                         7.084400e+04
                                                      177.36
                                                                      0
   3225
         1982-06-02 ^IXIC
                             177.82
                                     177.82
                                              177.82
                                                       177.82
                                                                      0
                                                                         2.593595e-01
##
  3226
                               0.25
                                                0.25
         1982-06-02
                      AAPL
                                       0.25
                                                         0.25
                                                                146900 -9.985941e+01
  3227
         1982-06-03 ^IXIC
                             177.10
                                     177.10
                                              177.10
                                                      177.10
                                                                      0 7.074000e+04
## 3228
         1982-06-03
                      AAPL
                               0.24
                                       0.24
                                                0.25
                                                         0.24
                                                                177500 -9.986448e+01
   3229
         1982-06-04 ^IXIC
                             174.82
                                     174.82
                                              174.82
                                                      174.82
                                                                      0
                                                                         7.274167e+04
  3230
         1982-06-04
                      AAPL
                               0.23
                                       0.23
                                                0.24
                                                         0.23
                                                                168200 -9.986844e+01
   3231
         1982-06-07 ^IXIC
                             173.84
                                     173.84
                                              173.84
                                                      173.84
                                                                      0
                                                                        7.548261e+04
  3232
                      AAPL
                               0.23
                                                0.24
                                                         0.23
         1982-06-07
                                       0.23
                                                                165900 -9.986769e+01
   3233
         1982-06-08
                     ^IXIC
                             173.28
                                     173.28
                                              173.28
                                                      173.28
                                                                        7.523913e+04
                                                                      0
  3234
##
         1982-06-08
                      AAPL
                               0.23
                                       0.23
                                                0.23
                                                         0.23
                                                                140200 -9.986727e+01
  3235
                      AAPL
                               0.23
                                       0.23
                                                0.23
                                                         0.23
         1982-06-09
                                                                151100
                                                                         0.000000e+00
  3236
         1982-06-09 ^IXIC
                             170.94
                                     170.94
                                              170.94
                                                       170.94
                                                                         7.422174e+04
                                                                      0
                               0.23
                                                0.23
                                                                153600 -9.986545e+01
  3237
         1982-06-10
                      AAPL
                                       0.23
                                                         0.23
   3238
         1982-06-10 ^IXIC
                             171.37
                                     171.37
                                              171.37
                                                       171.37
                                                                      0 7.440870e+04
  3239
                      AAPL
                               0.24
         1982-06-11
                                       0.24
                                                0.24
                                                         0.24
                                                                243900 -9.985995e+01
   3240
         1982-06-11 ^IXIC
                             173.55
                                     173.55
                                              173.55
                                                       173.55
                                                                      0
                                                                         7.221250e+04
##
  3241
         1982-06-14
                      AAPL
                               0.24
                                       0.24
                                                0.24
                                                         0.24
                                                                133900 -9.986171e+01
  3242
         1982-06-14 ^IXIC
                             172.15
                                     172.15
                                              172.15
                                                       172.15
                                                                        7.162917e+04
                                                                      0
         1982-06-15 ^IXIC
                            171.19
## 3243
                                     171.19
                                              171.19
                                                       171.19
                                                                      0 -5.576532e-01
   3244
         1982-06-15
                      AAPL
                               0.24
                                       0.24
                                                0.24
                                                         0.24
                                                                157200 -9.985980e+01
## 3245
         1982-06-16 ^IXIC
                            171.44
                                     171.44
                                              171.44
                                                      171.44
                                                                      0 7.133333e+04
   3246
         1982-06-16
                      AAPL
                               0.24
                                       0.24
                                                0.24
                                                         0.24
                                                                186300 -9.986001e+01
  3247
         1982-06-17
                      AAPL
                               0.23
                                       0.23
                                                0.24
                                                         0.23
                                                                130200 -4.166667e+00
##
   3248
         1982-06-17 ^IXIC
                             169.85
                                     169.85
                                              169.85
                                                      169.85
                                                                      0 7.374783e+04
   3249
                             168.50
                                     168.50
                                              168.50
                                                                      0 -7.948190e-01
         1982-06-18 ^IXIC
                                                       168.50
   3250
         1982-06-18
                      AAPL
                               0.23
                                       0.23
                                                0.23
                                                         0.23
                                                                 88700 -9.986350e+01
         1982-06-21 ^IXIC
## 3251
                             168.00
                                     168.00
                                              168.00
                                                       168.00
                                                                      0
                                                                         7.294348e+04
   3252
         1982-06-21
                      AAPL
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                                       0.23
                                                0.23
                                                         0.23
                                                                127400 -9.986310e+01
   3253
         1982-06-22 ^IXIC
                             169.05
                                     169.05
                                              169.05
                                                       169.05
                                                                      0 7.340000e+04
   3254
                                                0.24
         1982-06-22
                      AAPL
                               0.24
                                       0.24
                                                         0.24
                                                                 78400 -9.985803e+01
   3255
         1982-06-23
                      `IXIC
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                                     170.86
                                              170.86
                                                       170.86
                                                                         7.109167e+04
                                                                      0
  3256
                               0.25
                                                                235500 -9.985368e+01
##
         1982-06-23
                      AAPL
                                       0.25
                                                0.25
                                                         0.25
  3257
         1982-06-24 ^IXIC
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                                     171.12
                                              171.12
                                                       171.12
                                                                      0 6.834800e+04
  3258
         1982-06-24
                      AAPL
                               0.25
                                       0.25
                                                0.25
                                                         0.25
                                                                197100 -9.985390e+01
##
   3259
         1982-06-25
                     ^IXIC
                             170.48
                                     170.48
                                              170.48
                                                       170.48
                                                                         6.809200e+04
                                                                      0
  3260
                      AAPL
                               0.24
                                                0.25
                                                                119100 -9.985922e+01
##
         1982-06-25
                                       0.24
                                                         0.24
                     ^IXIC
   3261
         1982-06-28
                             171.07
                                     171.07
                                              171.07
                                                      171.07
                                                                      0 7.117917e+04
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                     ^IXIC
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                                     170.53
                                              170.53
                                                      170.53
                                                                      0 7.404348e+04
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         1982-06-30
                      AAPL
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                                       0.23
                                                0.24
                                                         0.23
                                                                301900 -9.986513e+01
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## 3266
                             171.30
                                              171.30
                                                       171.30
                                                                         7.437826e+04
                                     171.30
                                                                      0
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                      AAPL
                               0.23
                                       0.23
                                                0.23
                                                         0.23
                                                                248800 -9.986573e+01
  3268
         1982-07-01 ^IXIC
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                                     170.60
                                              170.60
                                                      170.60
                                                                      0 7.407391e+04
   3269
         1982-07-02
                      AAPL
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                                       0.22
                                                0.23
                                                         0.21
                                                                259400 -9.987104e+01
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                     ^IXIC
                             170.05
                                     170.05
                                              170.05
                                                       170.05
                                                                         7.719545e+04
                                                                      0
                                                                391500 -9.987651e+01
##
  3271
         1982-07-06
                      AAPL
                               0.21
                                       0.21
                                                0.22
                                                         0.21
## 3272
         1982-07-06 ^IXIC
                             169.22
                                     169.22
                                              169.22
                                                       169.22
                                                                      0 8.048095e+04
## 3273
         1982-07-07 ^IXIC
                             168.08
                                     168.08
                                              168.08
                                                       168.08
                                                                      0 -6.736792e-01
## 3274
         1982-07-07 AAPL
                               0.21
                                       0.21
                                                0.21
                                                         0.21
                                                                135600 -9.987506e+01
```

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## 3275
         1982-07-08 AAPL
                              0.20
                                       0.20
                                               0.21
                                                        0.20
                                                               733600 -4.761905e+00
         1982-07-08 ^IXIC
## 3276
                            166.80
                                    166.80
                                             166.80
                                                     166.80
                                                                    0 8.330000e+04
## 3277
         1982-07-09 ^IXIC
                            168.07
                                     168.07
                                             168.07
                                                      168.07
                                                                    0 7.613909e-01
## 3278
         1982-07-09
                      AAPL
                              0.21
                                       0.21
                                               0.21
                                                        0.20
                                                               573300 -9.987505e+01
   3279
         1982-07-12 ^IXIC
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                                     168.85
                                             168.85
                                                     168.85
                                                                    0
                                                                       8.030476e+04
##
  3280
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                                               0.21
                                                        0.21
                                                               283000 -9.987563e+01
                      AAPL
                                       0.21
  3281
         1982-07-13
                      AAPL
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                                       0.22
                                               0.23
                                                        0.22
                                                               510600
                                                                      4.761905e+00
## 3282
         1982-07-13 ^IXIC
                            169.35
                                     169.35
                                             169.35
                                                     169.35
                                                                    0 7.687727e+04
   3283
         1982-07-14 ^IXIC
                            169.21
                                     169.21
                                             169.21
                                                      169.21
                                                                    0 -8.266903e-02
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         1982-07-14
                      AAPL
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                                       0.23
                                               0.23
                                                        0.23
                                                               317500 -9.986407e+01
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         1982-07-15 ^IXIC
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                                    169.61
                                             169.61
                                                     169.61
                                                                    0 7.364348e+04
  3286
                      AAPL
         1982-07-15
                              0.23
                                       0.23
                                               0.24
                                                       0.23
                                                               293700 -9.986439e+01
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         1982-07-16 ^IXIC
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                                     170.18
                                             170.18
                                                     170.18
                                                                    0 7.389130e+04
                                                        0.23
  3288
         1982-07-16
                      AAPL
                              0.24
                                       0.24
                                               0.24
                                                               343800 -9.985897e+01
  3289
         1982-07-19 ^IXIC
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                                     170.09
                                             170.09
                                                     170.09
                                                                    0 7.077083e+04
## 3290
         1982-07-19
                      AAPL
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                                       0.24
                                               0.25
                                                        0.24
                                                               374000 -9.985890e+01
                            170.83
                                             170.83
  3291
         1982-07-20 ^IXIC
                                    170.83
                                                     170.83
                                                                    0 7.107917e+04
   3292
         1982-07-20
                      AAPL
                              0.26
                                       0.26
                                               0.26
                                                        0.26
                                                               221900 -9.984780e+01
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                                     171.54
                                             171.54
                                                     171.54
                                                                    0 6.587692e+04
## 3294
         1982-07-21
                      AAPL
                              0.26
                                       0.26
                                               0.27
                                                        0.26
                                                               320100 -9.984843e+01
                                                                    0 6.607692e+04
##
  3295
         1982-07-22 ^IXIC
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                                     172.06
                                             172.06
                                                     172.06
  3296
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                                                        0.26
                                                               157200 -9.984889e+01
                      AAPL
                              0.26
                                       0.26
                                               0.26
         1982-07-23 ^IXIC
                            172.11
                                                     172.11
## 3297
                                     172.11
                                                                    0 6.609615e+04
                                             172.11
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                                       0.25
                                               0.26
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                                                               253800 -4.000000e+00
## 3299
         1982-07-26
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                                       0.24
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  3300
         1982-07-26 ^IXIC
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                                    171.45
                                             171.45
                                                     171.45
                                                                    0 7.133750e+04
## 3301
         1982-07-27
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                              0.24
                                       0.24
                                               0.25
                                                       0.24
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                    ^IXIC
                            170.71
                                     170.71
                                             170.71
                                                     170.71
                                                                    0 7.102917e+04
   3303
         1982-07-28 ^IXIC
                            168.37
                                     168.37
                                             168.37
                                                      168.37
                                                                    0 -1.370746e+00
   3304
         1982-07-28
                      AAPL
                              0.23
                                       0.23
                                               0.24
                                                        0.23
                                                               238900 -9.986340e+01
         1982-07-29 ^IXIC
## 3305
                            167.60
                                     167.60
                                             167.60
                                                     167.60
                                                                    0 7.276957e+04
   3306
         1982-07-29
                      AAPL
                              0.24
                                       0.24
                                               0.24
                                                        0.24
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                      AAPL
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                                       0.24
                                               0.25
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         1982-07-30 ^IXIC
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                                     167.35
                                             167.35
                                                     167.35
                                                                    0 6.962917e+04
   3309
         1982-08-02
                      AAPL
                              0.25
                                       0.25
                                               0.25
                                                        0.25
                                                               421400 -9.985061e+01
  3310
                            168.37
                                             168.37
         1982-08-02 ^IXIC
                                     168.37
                                                     168.37
                                                                    0 6.724800e+04
  3311
         1982-08-03 ^IXIC
                            167.97
                                     167.97
                                             167.97
                                                      167.97
                                                                    0 -2.375720e-01
## 3312
         1982-08-03
                      AAPL
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                                       0.23
                                               0.25
                                                        0.23
                                                               401200 -9.986307e+01
  3313
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                                     166.56
                                             166.56
                                                     166.56
                                                                       7.231739e+04
                                                                    0
                      AAPL
                              0.23
                                               0.24
                                                        0.23
                                                               374400 -9.986191e+01
## 3314
         1982-08-04
                                       0.23
         1982-08-05 ^IXIC
   3315
                            165.15
                                    165.15
                                             165.15
                                                     165.15
                                                                    0 7.170435e+04
  3316
         1982-08-05
                      AAPL
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                                       0.22
                                               0.23
                                                        0.22
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                     ^IXIC
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                                     163.59
                                             163.59
                                                     163.59
                                                                    0 7.425909e+04
  3318
         1982-08-06
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                                       0.22
                                               0.23
                                                        0.22
                                                               432300 -9.986552e+01
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                      AAPL
                              0.22
                                       0.22
                                               0.22
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## 3320
                            161.38
                                     161.38
                                             161.38
                                                                       7.325455e+04
                                                     161.38
                                                                    0
## 3321
         1982-08-10
                      AAPL
                              0.24
                                       0.24
                                               0.24
                                                        0.24
                                                               501100 -9.985128e+01
## 3322
         1982-08-10 ^IXIC
                            161.32
                                     161.32
                                             161.32
                                                     161.32
                                                                    0 6.711667e+04
## 3323
         1982-08-11 ^IXIC
                            160.77
                                     160.77
                                             160.77
                                                      160.77
                                                                    0 -3.409373e-01
## 3324
         1982-08-11
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                              0.24
                                       0.24
                                               0.24
                                                        0.24
                                                               312000 -9.985072e+01
## 3325
                                     159.84
                                             159.84
                                                     159.84
         1982-08-12
                    ^IXIC
                            159.84
                                                                    0 6.650000e+04
## 3326
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                                       0.23
                                               0.24
                                                        0.23
                                                               136700 -9.985611e+01
## 3327
         1982-08-13
                     AAPL
                              0.23
                                       0.23
                                               0.24
                                                        0.23
                                                               115900 0.000000e+00
## 3328
         1982-08-13 ^IXIC
                           159.14
                                    159.14
                                            159.14
                                                    159.14
                                                                    0 6.909130e+04
```

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## 3329
         1982-08-16 ^IXIC
                            159.68
                                     159.68
                                              159.68
                                                      159.68
                                                                      0 3.393239e-01
  3330
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                               0.24
                                                0.25
         1982-08-16
                                       0.24
                                                         0.24
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                             162.28
                                     162.28
                                                                         6.751667e+04
   3331
         1982-08-17 ^IXIC
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                                                                      0
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   3333
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                                     164.99
                                              164.99
                                                       164.99
                                                                      0
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                                       0.25
                                                0.27
                                                         0.25
##
   3334
         1982-08-18
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                                                                558300 -9.984848e+01
   3335
         1982-08-19
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                                       0.26
                                                0.26
                                                         0.26
                                                                212600
                                                                         4.000000e+00
         1982-08-19 ^IXIC
## 3336
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                                     164.92
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                                                                         6.333077e+04
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                                       0.27
                                                0.27
                                                         0.25
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                                     166.96
                                              166.96
                                                       166.96
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                                       0.28
                                                0.28
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                     ^IXIC
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                             169.88
##
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                                                       169.88
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                                       0.29
                                                0.30
                                                         0.29
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                                                                         5.928966e+04
##
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                                                      178.17
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                                     178.17
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                                                         0.32
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   3347
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                      AAPL
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                                       0.30
   3348
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                                     177.60
                                              177.60
                                                      177.60
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                                                0.31
                                                                359100 -9.982545e+01
##
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                               0.31
                                       0.31
                                                         0.31
   3350
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                                                                      0
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  3351
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                                                                         7.654797e-01
                                     177.71
                                                                      0
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                               0.32
                                       0.32
                                                0.33
                                                         0.32
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                                       0.31
                                                0.33
                                                         0.31
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                                       0.33
                                                0.33
                                                         0.33
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                                                                         6.451613e+00
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                                     179.50
                                              179.50
                                                      179.50
                                                                      0
                                                                         5.429394e+04
   3357
         1982-09-03 ^IXIC
                             182.05
                                     182.05
                                              182.05
                                                      182.05
                                                                      0
                                                                        1.420613e+00
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                                       0.33
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                                                         0.32
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##
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                                                0.33
                                                         0.31
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                                     180.88
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                                                                         5.824839e+04
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                                     181.79
                                              181.79
                                                       181.79
                                                                      0
                                                                        5.030960e-01
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   3362
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                                       0.32
                                                0.33
                                                         0.32
                                                                283900
                                                                         0.000000e+00
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##
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                                              182.77
                                                       182.77
                                                                      0 5.701562e+04
   3365
         1982-09-10
                      AAPI
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                                       0.32
                                                0.33
                                                         0.31
                                                                250300 -9.982492e+01
  3366
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                                              182.47
                                                       182.47
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##
                                                                      0
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                                                0.33
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                                                         0.33
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                                              182.90
##
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         1982-09-14 ^IXIC
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   3369
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                                              184.60
                                                       184.60
                                                                      0
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                                       0.34
                                                0.34
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                                       0.33
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                                                         0.33
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                                     186.80
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                                                       186.80
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                                                                         2.630025e-01
## 3374
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                               0.32
                                                0.34
                                                                358800 -9.982869e+01
                                       0.32
                                                         0.32
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                                     186.61
                                              186.61
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                                                                      0
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                                                         0.32
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                                                       186.00
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                             187.91
                                                                      0
##
   3379
         1982-09-21 ^IXIC
                                     187.91
                                              187.91
                                                       187.91
                                                                         1.026882e+00
## 3380
         1982-09-21
                      AAPL
                               0.33
                                       0.33
                                                0.33
                                                         0.33
                                                                163700 -9.982438e+01
## 3381
         1982-09-22 ^IXIC
                             188.62
                                     188.62
                                              188.62
                                                      188.62
                                                                      0 5.705758e+04
## 3382
         1982-09-22
                      AAPL
                               0.34
                                       0.34
                                                0.34
                                                         0.34
                                                                461500 -9.981974e+01
```

```
## 3383
         1982-09-23 AAPL
                              0.34
                                      0.34
                                               0.34
                                                       0.34
                                                               624200 0.000000e+00
         1982-09-23 ^IXIC
                            188.15
                                    188.15
                                            188.15
                                                     188.15
## 3384
                                                                    0 5.523824e+04
                                                       0.31
                                                               795500 -9.982992e+01
  3385
         1982-09-24
                      AAPL
                              0.32
                                      0.32
                                               0.34
         1982-09-24 ^IXIC
  3386
                            188.61
                                    188.61
                                             188.61
                                                     188.61
                                                                    0 5.884063e+04
   3387
         1982-09-27
                      AAPL
                              0.32
                                      0.32
                                               0.33
                                                       0.32
                                                               170300 -9.983034e+01
  3388
                            188.64
                                             188.64
                                                     188.64
                                                                    0 5.885000e+04
         1982-09-27
                    ^IXIC
                                    188.64
                            189.04
                                             189.04
                                                     189.04
   3389
         1982-09-28
                    ^IXIC
                                    189.04
                                                                    0
                                                                       2.120441e-01
                                                               381800 -9.982543e+01
## 3390
         1982-09-28
                      AAPL
                              0.33
                                      0.33
                                               0.33
                                                       0.33
   3391
         1982-09-29
                      AAPL
                              0.33
                                      0.33
                                               0.33
                                                       0.33
                                                               292700 0.000000e+00
  3392
         1982-09-29 ^IXIC
                            188.26
                                    188.26
                                             188.26
                                                     188.26
                                                                    0 5.694848e+04
   3393
         1982-09-30 ^IXIC
                            187.65
                                    187.65
                                            187.65
                                                     187.65
                                                                    0 -3.240200e-01
## 3394
                      AAPL
                                                               333400 -9.982414e+01
         1982-09-30
                              0.33
                                      0.33
                                               0.33
                                                       0.33
   3395
         1982-10-01
                      AAPL
                              0.33
                                      0.33
                                               0.33
                                                       0.32
                                                               206500 0.000000e+00
  3396
         1982-10-01 ^IXIC
                                                     188.70
                            188.70
                                    188.70
                                            188.70
                                                                    0 5.708182e+04
   3397
         1982-10-04
                      AAPL
                              0.33
                                      0.33
                                               0.34
                                                       0.33
                                                               309500 -9.982512e+01
         1982-10-04 ^IXIC
## 3398
                            188.02
                                    188.02
                                             188.02
                                                     188.02
                                                                    0 5.687576e+04
                              0.34
                                                       0.34
                                                               358200 -9.981917e+01
  3399
         1982-10-05
                      AAPL
                                      0.34
                                               0.34
   3400
         1982-10-05 ^IXIC
                            188.77
                                    188.77
                                             188.77
                                                     188.77
                                                                    0 5.542059e+04
         1982-10-06 ^IXIC
## 3401
                            191.98
                                    191.98
                                            191.98
                                                     191.98
                                                                    0 1.700482e+00
## 3402
         1982-10-06
                      AAPL
                              0.36
                                      0.36
                                               0.36
                                                       0.36
                                                               774700 -9.981248e+01
                                                             1391400 8.333333e+00
## 3403
         1982-10-07
                      AAPL
                              0.39
                                      0.39
                                               0.39
                                                       0.39
## 3404
         1982-10-07 ^IXIC
                            195.59
                                    195.59
                                            195.59
                                                     195.59
                                                                    0
                                                                       5.005128e+04
         1982-10-08 ^IXIC
## 3405
                            198.89
                                    198.89
                                            198.89
                                                     198.89
                                                                    0
                                                                       1.687203e+00
                              0.42
                                               0.42
                                                       0.39
                                                             1230100 -9.978883e+01
## 3406
         1982-10-08
                      AAPL
                                      0.42
                                               0.44
                                                             1400600 2.380952e+00
## 3407
         1982-10-11
                     AAPL
                              0.43
                                      0.43
                                                       0.43
  3408
         1982-10-11 ^IXIC
                            202.31
                                    202.31
                                            202.31
                                                     202.31
                                                                    0 4.694884e+04
## 3409
         1982-10-12
                      AAPL
                              0.42
                                      0.42
                                               0.44
                                                       0.42
                                                             1156000 -9.979240e+01
   3410
         1982-10-12 ^IXIC
                            202.16
                                    202.16
                                             202.16
                                                     202.16
                                                                    0 4.803333e+04
## 3411
         1982-10-13
                      AAPL
                              0.42
                                      0.42
                                               0.43
                                                       0.42
                                                               887700 -9.979224e+01
  3412
         1982-10-13 ^IXIC
                            205.17
                                    205.17
                                             205.17
                                                     205.17
                                                                    0 4.875000e+04
         1982-10-14 ^IXIC
## 3413
                            204.85
                                    204.85
                                             204.85
                                                     204.85
                                                                    0 -1.559682e-01
## 3414
         1982-10-14
                      AAPL
                              0.42
                                      0.42
                                               0.43
                                                       0.42
                                                               797600 -9.979497e+01
## 3415
         1982-10-15
                      AAPL
                              0.41
                                      0.41
                                               0.42
                                                       0.40
                                                               645600 -2.380952e+00
                            204.46
         1982-10-15 ^IXIC
                                             204.46
                                                     204.46
## 3416
                                    204.46
                                                                    0 4.976829e+04
## 3417
         1982-10-18 ^IXIC
                            206.61
                                    206.61
                                             206.61
                                                     206.61
                                                                       1.051550e+00
                                                                    0
## 3418
                              0.42
                                      0.42
                                               0.42
                                                       0.42
                                                               421200 -9.979672e+01
         1982-10-18
                     AAPL
## 3419
         1982-10-19 ^IXIC
                            207.48
                                    207.48
                                             207.48
                                                     207.48
                                                                    0 4.930000e+04
## 3420
         1982-10-19
                     AAPL
                              0.43
                                      0.43
                                               0.43
                                                       0.43
                                                               548400 -9.979275e+01
## 3421
         1982-10-20
                      AAPL
                              0.45
                                      0.45
                                               0.46
                                                       0.45
                                                             1080800
                                                                       4.651163e+00
## 3422
         1982-10-20 ^IXIC
                            210.70
                                            210.70
                                                                    0 4.672222e+04
                                    210.70
                                                     210.70
         1982-10-21 ^IXIC
                            214.28
                                             214.28
  3423
                                    214.28
                                                     214.28
                                                                    0 1.699098e+00
## 3424
         1982-10-21
                     AAPL
                              0.46
                                               0.48
                                                       0.46
                                                             1015700 -9.978533e+01
                                      0.46
   3425
         1982-10-22
                      AAPL
                              0.46
                                      0.46
                                               0.48
                                                       0.46
                                                               721800 0.000000e+00
                            215.29
                                            215.29
## 3426
         1982-10-22 ^IXIC
                                    215.29
                                                     215.29
                                                                    0 4.670217e+04
## 3427
         1982-10-25
                      AAPL
                              0.44
                                      0.44
                                               0.46
                                                       0.44
                                                               825600 -9.979562e+01
         1982-10-25 ^IXIC
                                                                    0 4.782955e+04
## 3428
                            210.89
                                    210.89
                                             210.89
                                                     210.89
## 3429
         1982-10-26 ^IXIC
                            209.92
                                    209.92
                                             209.92
                                                     209.92
                                                                    0 -4.599554e-01
## 3430
         1982-10-26
                      AAPL
                              0.44
                                      0.44
                                               0.44
                                                       0.44
                                                               748900 -9.979040e+01
## 3431
         1982-10-27 ^IXIC
                            212.20
                                    212.20
                                             212.20
                                                     212.20
                                                                    0 4.812727e+04
## 3432
         1982-10-27
                      AAPL
                              0.45
                                      0.45
                                               0.45
                                                       0.45
                                                               853400 -9.978794e+01
                            211.87
## 3433
         1982-10-28
                    ^IXIC
                                    211.87
                                             211.87
                                                     211.87
                                                                   0 4.698222e+04
## 3434
         1982-10-28
                      AAPL
                              0.45
                                      0.45
                                               0.45
                                                       0.45
                                                               971800 -9.978761e+01
## 3435
         1982-10-29 ^IXIC
                            212.63
                                    212.63
                                            212.63
                                                     212.63
                                                                   0 4.715111e+04
## 3436
        1982-10-29 AAPL
                              0.45
                                      0.45
                                               0.45
                                                       0.44
                                                               527300 -9.978836e+01
```

```
## 3437
         1982-11-01 ^IXIC
                            214.52
                                     214.52
                                              214.52
                                                      214.52
                                                                      0 4.757111e+04
                               0.48
                                                0.48
## 3438
         1982-11-01
                      AAPL
                                       0.48
                                                        0.48
                                                                465900 -9.977624e+01
                                                                        6.250000e+00
## 3439
         1982-11-02
                      AAPL
                               0.51
                                       0.51
                                                0.53
                                                        0.51
                                                               1387700
         1982-11-02 ^IXIC
  3440
                             217.65
                                     217.65
                                              217.65
                                                      217.65
                                                                      0
                                                                        4.257647e+04
   3441
         1982-11-03 ^IXIC
                             222.77
                                     222.77
                                              222.77
                                                      222.77
                                                                      0
                                                                        2.352401e+00
##
  3442
                               0.55
                                       0.55
                                                0.55
         1982-11-03
                      AAPL
                                                        0.55
                                                               1049700 -9.975311e+01
  3443
         1982-11-04 ^IXIC
                             225.01
                                     225.01
                                              225.01
                                                      225.01
                                                                      0
                                                                        4.081091e+04
## 3444
         1982-11-04
                      AAPL
                               0.55
                                       0.55
                                                0.57
                                                        0.55
                                                               1469100 -9.975557e+01
   3445
         1982-11-05
                      AAPL
                               0.54
                                       0.54
                                                0.55
                                                        0.53
                                                                631700 -1.818182e+00
                                                      227.03
  3446
         1982-11-05 ^IXIC
                             227.03
                                     227.03
                                              227.03
                                                                      0 4.194259e+04
   3447
         1982-11-08
                      AAPL
                               0.52
                                       0.52
                                                0.54
                                                        0.52
                                                                532100 -9.977096e+01
                     ^IXIC
  3448
         1982-11-08
                             226.74
                                     226.74
                                              226.74
                                                      226.74
                                                                      0
                                                                        4.350385e+04
   3449
         1982-11-09
                      AAPL
                               0.53
                                       0.53
                                                0.54
                                                        0.53
                                                                802600 -9.976625e+01
                                                                        4.333208e+04
##
   3450
         1982-11-09 ^IXIC
                             230.19
                                     230.19
                                              230.19
                                                      230.19
                                                                      0
   3451
                      AAPL
                               0.55
                                       0.55
                                                0.56
                                                        0.55
                                                                905300 -9.976107e+01
         1982-11-10
  3452
         1982-11-10 ^IXIC
                             230.41
                                     230.41
                                              230.41
                                                      230.41
                                                                      0
                                                                        4.179273e+04
                             231.52
                                     231.52
                                              231.52
                                                      231.52
   3453
         1982-11-11 ^IXIC
                                                                      0
                                                                        4.817499e-01
   3454
         1982-11-11
                      AAPL
                               0.59
                                       0.59
                                                0.59
                                                        0.59
                                                                549800 -9.974516e+01
  3455
                     ^IXIC
                             232.61
                                              232.61
         1982-11-12
                                     232.61
                                                      232.61
                                                                     0 3.932542e+04
   3456
         1982-11-12
                      AAPL
                               0.58
                                       0.58
                                                0.61
                                                        0.58
                                                                585300 -9.975066e+01
##
  3457
         1982-11-15 ^IXIC
                             229.34
                                     229.34
                                              229.34
                                                      229.34
                                                                      0
                                                                        3.944138e+04
   3458
                                                0.58
                                                                556200 -9.975582e+01
         1982-11-15
                      AAPL
                               0.56
                                       0.56
                                                         0.56
         1982-11-16 ^IXIC
## 3459
                             224.97
                                                                      0 4.007321e+04
                                     224.97
                                              224.97
                                                      224.97
                                                                812600 -9.975997e+01
  3460
         1982-11-16
                      AAPL
                               0.54
                                       0.54
                                                0.56
                                                         0.54
## 3461
         1982-11-17 ^IXIC
                            227.75
                                     227.75
                                              227.75
                                                      227.75
                                                                      0 4.207593e+04
   3462
         1982-11-17
                      AAPL
                               0.56
                                       0.56
                                                0.56
                                                        0.56
                                                                643500 -9.975412e+01
  3463
         1982-11-18
                     ^IXIC
                             229.28
                                     229.28
                                              229.28
                                                      229.28
                                                                      0 4.084286e+04
   3464
         1982-11-18
                      AAPL
                               0.56
                                       0.56
                                                0.57
                                                        0.56
                                                                681600 -9.975576e+01
   3465
         1982-11-19
                      AAPL
                               0.55
                                       0.55
                                                0.56
                                                        0.55
                                                                434400 -1.785714e+00
   3466
         1982-11-19 ^IXIC
                             229.41
                                     229.41
                                              229.41
                                                      229.41
                                                                      0 4.161091e+04
## 3467
         1982-11-22
                      AAPL
                               0.52
                                       0.52
                                                0.55
                                                        0.52
                                                                452000 -9.977333e+01
   3468
         1982-11-22 ^IXIC
                             225.79
                                     225.79
                                              225.79
                                                      225.79
                                                                      0
                                                                        4.332115e+04
   3469
         1982-11-23
                      AAPL
                               0.52
                                       0.52
                                                0.53
                                                         0.52
                                                                395100 -9.976970e+01
                             225.17
                                                      225.17
  3470
                     ^IXIC
                                     225.17
                                              225.17
                                                                        4.320192e+04
         1982-11-23
                                                                      0
   3471
         1982-11-24
                      AAPL
                               0.53
                                       0.53
                                                0.54
                                                        0.53
                                                                329200 -9.976462e+01
                     ^IXIC
  3472
                             226.88
                                              226.88
                                                                        4.270755e+04
         1982-11-24
                                     226.88
                                                      226.88
                                                                      0
## 3473
         1982-11-26 ^IXIC
                             228.64
                                     228.64
                                              228.64
                                                      228.64
                                                                      0
                                                                        7.757405e-01
## 3474
         1982-11-26
                      AAPL
                               0.52
                                       0.52
                                                0.53
                                                        0.51
                                                                455300 -9.977257e+01
## 3475
         1982-11-29
                      AAPL
                               0.52
                                       0.52
                                                0.52
                                                         0.52
                                                                223000
                                                                        0.000000e+00
         1982-11-29 ^IXIC
                             228.39
                                     228.39
                                              228.39
                                                      228.39
## 3476
                                                                      0
                                                                        4.382115e+04
         1982-11-30 ^IXIC
                             232.31
                                              232.31
   3477
                                     232.31
                                                      232.31
                                                                      0
                                                                        1.716362e+00
  3478
         1982-11-30
                      AAPL
                               0.57
                                                0.57
                                                                710700 -9.975464e+01
                                       0.57
                                                        0.57
   3479
         1982-12-01 ^IXIC
                             235.59
                                     235.59
                                              235.59
                                                      235.59
                                                                      0
                                                                        4.123158e+04
                               0.58
                                                0.59
##
  3480
         1982-12-01
                                       0.58
                                                        0.58
                                                                923400 -9.975381e+01
                      AAPL
## 3481
         1982-12-02
                      AAPL
                               0.58
                                       0.58
                                                0.59
                                                         0.58
                                                                735400
                                                                        0.000000e+00
         1982-12-02 ^IXIC
## 3482
                             236.18
                                     236.18
                                              236.18
                                                      236.18
                                                                        4.062069e+04
                                                                      0
## 3483
         1982-12-03 ^IXIC
                             237.16
                                     237.16
                                              237.16
                                                      237.16
                                                                      0
                                                                        4.149378e-01
                                                0.57
## 3484
         1982-12-03
                      AAPL
                               0.57
                                       0.57
                                                         0.56
                                                                212400 -9.975966e+01
  3485
         1982-12-06 ^IXIC
                             239.29
                                     239.29
                                              239.29
                                                      239.29
                                                                      0 4.188070e+04
  3486
         1982-12-06
                      AAPL
                               0.60
                                       0.60
                                                0.60
                                                        0.60
                                                                654400 -9.974926e+01
                             240.65
##
  3487
         1982-12-07 ^IXIC
                                     240.65
                                              240.65
                                                      240.65
                                                                        4.000833e+04
                                                                      0
## 3488
         1982-12-07
                      AAPL
                               0.60
                                       0.60
                                                0.62
                                                         0.60
                                                                746800 -9.975068e+01
## 3489
         1982-12-08 ^IXIC
                             240.70
                                     240.70
                                              240.70
                                                      240.70
                                                                      0 4.001667e+04
## 3490
         1982-12-08
                     AAPL
                               0.59
                                       0.59
                                                0.62
                                                        0.59
                                                                501400 -9.975488e+01
```

```
## 3491
         1982-12-09 ^IXIC
                           237.24
                                   237.24
                                            237.24
                                                    237.24
                                                                  0 4.011017e+04
## 3492
         1982-12-09
                     AAPL
                              0.56
                                      0.56
                                              0.58
                                                       0.56
                                                              869000 -9.976395e+01
                              0.52
                                      0.52
## 3493
         1982-12-10
                     AAPL
                                              0.55
                                                       0.52
                                                              747700 -7.142857e+00
         1982-12-10 ^IXIC
## 3494
                            233.85
                                    233.85
                                            233.85
                                                    233.85
                                                                   0 4.487115e+04
## 3495
         1982-12-13 ^IXIC
                            233.33
                                    233.33
                                            233.33
                                                     233.33
                                                                   0 -2.223648e-01
## 3496
                              0.51
                                      0.51
                                              0.52
                                                       0.51
                                                              425800 -9.978143e+01
         1982-12-13
                     AAPL
  3497
         1982-12-14 ^IXIC
                            231.33
                                    231.33
                                            231.33
                                                    231.33
                                                                   0 4.525882e+04
## 3498
         1982-12-14
                     AAPL
                              0.51
                                      0.51
                                              0.54
                                                       0.51
                                                             1205600 -9.977954e+01
   3499
         1982-12-15 ^IXIC
                            225.69
                                    225.69
                                            225.69
                                                    225.69
                                                                   0 4.415294e+04
                              0.50
                                                       0.50
                                                              583900 -9.977846e+01
## 3500
         1982-12-15
                     AAPL
                                      0.50
                                              0.51
   3501
         1982-12-16 ^IXIC
                            225.60
                                    225.60
                                            225.60
                                                    225.60
                                                              0 4.502000e+04
## 3502
         1982-12-16
                     AAPL
                                              0.52
                                                      0.51
                                                              630200 -9.977394e+01
                              0.51
                                      0.51
  3503
         1982-12-17
                     AAPL
                              0.54
                                      0.54
                                              0.54
                                                       0.51
                                                              360400 5.882353e+00
## 3504
         1982-12-17 ^IXIC
                            228.93
                                    228.93
                                            228.93
                                                    228.93
                                                               0 4.229444e+04
## 3505
         1982-12-20 AAPL
                              0.54
                                      0.54
                                              0.54
                                                       0.54
                                                              311500 -9.976412e+01
## 3506
         1982-12-20 ^IXIC
                            227.88
                                    227.88
                                            227.88
                                                    227.88
                                                                  0 4.210000e+04
                    AAPL
                              0.54
                                      0.54
                                              0.54
                                                       0.54
                                                              356900 -9.976303e+01
  3507
         1982-12-21
   3508
         1982-12-21 ^IXIC
                            228.52
                                    228.52
                                            228.52
                                                    228.52
                                                                   0 4.221852e+04
                                                      0.56
  3509
                     AAPL
                              0.56
                                      0.56
                                              0.56
                                                              451900 -9.975494e+01
         1982-12-22
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                                                              276200 -9.975129e+01
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                                                                   0 4.272963e+04
         1982-12-31 ^IXIC
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                                                              503700 -3.773585e+00
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                                              0.54
## 3524
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         1983-01-04 ^IXIC
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                                            231.64
                                                    231.64
                                                                   0 4.553537e-01
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                                            236.61
                                                    236.61
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         1983-01-12 ^IXIC
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                                    242.91
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                                                    245.63
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                                              0.62
                                                       0.61
                                                             1048500 3.389831e+00
## 3544 1983-01-17 ^IXIC
                          247.14
                                    247.14 247.14 247.14
                                                                   0 4.041475e+04
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##
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                                                       243.97
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                                              254.77
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                                                 0.83
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                                        0.79
                                                         0.79
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##
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   3594
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                                       0.71
                                                0.72
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                                     266.74
                                             266.74
                                                      266.74
  3656
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                                       0.71
                                                0.72
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                                                0.76
                                                        0.76
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                                             272.73
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                                                                     0 3.578553e+04
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                                       0.79
                                                0.79
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                                                                847200 -9.971034e+01
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                                       0.84
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##
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                      AAPL
                                                               1027000
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                                                0.94
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                                             288.11
                                                      288.11
                                                                     0 5.338823e-01
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                                                0.90
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                                                                     0 3.257865e+04
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                                             290.84
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                                                      293.06
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##
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                                                1.00
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                                                0.99
                                                        0.98
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                                     302.89
                                             302.89
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                                       0.95
                                                0.98
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                                                                439400 -1.052632e+00
## 3705
         1983-05-12 AAPL
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                                       0.94
                                                0.95
                                                        0.94
## 3706
         1983-05-12 ^IXIC
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                                     302.15
                                             302.15
                                                      302.15
                                                                     0 3.204362e+04
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                                       0.95
                                               0.96
                                                        0.94
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## 3708
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                                               0.95
                                                        0.92
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                                     299.60
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                                                      299.60
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                                       0.94
                                               0.95
                                                        0.94
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                                               0.97
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                                                      302.82
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                                     303.56
                                             303.56
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                                                1.03
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                                                1.08
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                                                1.09
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                                                1.04
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                                                1.04
                                                        1.04
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                                       1.10
                                                1.10
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                                                        1.07
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                                                1.08
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                                                1.03
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                                                        1.02
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                                                        0.95
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                                             324.63
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                                                                     0 3.407158e+04
## 3759
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                                       0.96
                                               0.96
                                                        0.96
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## 3760
         1983-06-21 ^IXIC
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                                                                     0 3.385417e+04
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                                       0.99
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                                                      328.19
## 3762
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                                                0.98
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##
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                                                       315.87
                                                                      0 -2.611457e+00
                                                0.90
                               0.84
                                                               1558800 -9.973407e+01
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                                                                         3.754762e+04
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                                                0.89
         1983-06-29
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                                                         0.88
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                                              318.70
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                                                                         3.611591e+04
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## 3783
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                                                                      0
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                                                0.83
                                                         0.82
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         1983-07-14 ^IXIC
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                                                      315.49
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                                                                      0
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##
                                     316.76
                                                      316.76
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                                     319.29
                                                       319.29
                                                                      0
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                                                       308.47
##
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## 3814
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                                       0.62
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                                                0.63
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##
                                                         0.61
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                                                         0.59
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         1983-08-08 ^IXIC
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                                      294.93
                                              294.93
                                                       294.93
                                                                      0 -1.755496e+00
   3826
##
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                                        0.61
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##
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                                              294.26
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##
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                                                 0.62
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##
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##
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                                                 0.62
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##
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##
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                                                       299.58
                                                                      0
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##
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                                                       299.85
##
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                                      299.78
                                              299.78
                                                       299.78
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##
##
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                                        0.60
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                                        0.60
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                     ^IXIC
##
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                                              298.76
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##
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                     ^IXIC
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                                              293.66
                                                       293.66
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                                      290.86
                                              290.86
                                                       290.86
                                                                      0 -9.534836e-01
   3850
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##
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                                                         0.54
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                                                         0.54
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                                              290.31
                                                       290.31
##
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##
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##
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##
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         1983-09-01
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##
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##
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##
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##
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##
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##
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                                              300.76
                                                       300.76
                                                                      0 4.286571e+04
## 3868
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                                        0.62
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   3871
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                                     300.76
                                             300.76
                                                      300.76
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                                                0.58
##
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                                                                     0 5.216842e+04
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                                                        0.56
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                                                0.54
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                                                               1010800
##
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                                             303.26
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                                                                     0
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                            304.56
##
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                                                                    0 7.478158e+04
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         1983-12-23
                     ^IXIC
                             276.54
                                     276.54
                                              276.54
                                                       276.54
                                                                      0
                                                                         1.194743e-01
## 4020
         1983-12-23
                               0.44
                                                0.44
                                                         0.43
                                                                216800 -9.984089e+01
                      AAPL
                                        0.44
## 4021
         1983-12-27
                     ^IXIC
                             276.68
                                     276.68
                                              276.68
                                                       276.68
                                                                      0
                                                                         6.278182e+04
## 4022
         1983-12-27
                      AAPL
                               0.44
                                        0.44
                                                0.45
                                                         0.44
                                                                430500 -9.984097e+01
## 4023
         1983-12-28 ^IXIC
                             276.57
                                     276.57
                                              276.57
                                                       276.57
                                                                      0
                                                                         6.275682e+04
## 4024
         1983-12-28
                      AAPL
                               0.45
                                        0.45
                                                0.45
                                                         0.45
                                                                573900 -9.983729e+01
## 4025
         1983-12-29
                     ^IXIC
                             277.06
                                     277.06
                                              277.06
                                                       277.06
                                                                      0
                                                                         6.146889e+04
## 4026
         1983-12-29
                      AAPL
                               0.44
                                        0.44
                                                0.45
                                                         0.44
                                                                458700 -9.984119e+01
                             278.60
                                              278.60
##
  4027
         1983-12-30
                     ^IXIC
                                     278.60
                                                       278.60
                                                                      0
                                                                         6.321818e+04
## 4028
         1983-12-30
                      AAPL
                               0.44
                                        0.44
                                                0.45
                                                         0.43
                                                                410100 -9.984207e+01
## 4029
         1984-01-03 ^IXIC
                             277.63
                                     277.63
                                              277.63
                                                      277.63
                                                                      0 6.299773e+04
## 4030
         1984-01-03 AAPL
                               0.46
                                        0.46
                                                0.47
                                                         0.46
                                                                670500 -9.983431e+01
```

```
## 4031
         1984-01-04 ^IXIC
                           280.97
                                    280.97
                                             280.97
                                                     280.97
                                                                    0 6.098043e+04
## 4032
         1984-01-04
                              0.50
                                               0.50
                      AAPL
                                      0.50
                                                       0.50
                                                             1306300 -9.982205e+01
                                      0.50
                                                              1364800 0.000000e+00
## 4033
         1984-01-05
                      AAPL
                              0.50
                                               0.52
                                                       0.50
## 4034
         1984-01-05 ^IXIC
                            284.45
                                    284.45
                                             284.45
                                                     284.45
                                                                    0 5.679000e+04
## 4035
         1984-01-06
                      AAPL
                              0.50
                                      0.50
                                               0.51
                                                       0.49
                                                               752200 -9.982422e+01
## 4036
                            287.90
                                             287.90
                                                     287.90
                                                                    0 5.748000e+04
         1984-01-06 ^IXIC
                                    287.90
## 4037
         1984-01-09 ^IXIC
                            287.27
                                    287.27
                                             287.27
                                                     287.27
                                                                    0 -2.188260e-01
                              0.47
## 4038
         1984-01-09 AAPL
                                      0.47
                                               0.50
                                                       0.47
                                                               963100 -9.983639e+01
## 4039
         1984-01-10 ^IXIC
                            287.63
                                    287.63
                                             287.63
                                                     287.63
                                                                    0 6.109787e+04
                                                       0.49
                                                               768700 -9.982964e+01
## 4040
         1984-01-10
                      AAPL
                              0.49
                                      0.49
                                               0.49
## 4041
         1984-01-11 ^IXIC
                            287.68
                                    287.68
                                             287.68
                                                     287.68
                                                                    0 5.861020e+04
## 4042
                      AAPL
                              0.50
                                                       0.50
                                                               785500 -9.982620e+01
         1984-01-11
                                      0.50
                                               0.51
## 4043
         1984-01-12 ^IXIC
                            287.63
                                    287.63
                                             287.63
                                                     287.63
                                                                   0 5.742600e+04
## 4044
                                                       0.50
                                                               492600 -9.982617e+01
         1984-01-12
                      AAPL
                              0.50
                                      0.50
                                               0.51
## 4045
         1984-01-13 ^IXIC
                            286.85
                                    286.85
                                             286.85
                                                     286.85
                                                                  0 5.727000e+04
## 4046
         1984-01-13
                      AAPL
                              0.49
                                      0.49
                                               0.50
                                                       0.48
                                                               543500 -9.982918e+01
                     AAPL
                              0.50
                                      0.50
                                               0.50
                                                       0.50
                                                               614200 2.040816e+00
## 4047
         1984-01-16
## 4048
         1984-01-16 ^IXIC
                            286.29
                                    286.29
                                             286.29
                                                     286.29
                                                                    0 5.715800e+04
## 4049
                     AAPL
                              0.51
                                                               665500 -9.982186e+01
         1984-01-17
                                      0.51
                                               0.51
                                                       0.51
## 4050
         1984-01-17 ^IXIC
                            286.86
                                    286.86
                                             286.86
                                                     286.86
                                                                    0 5.614706e+04
                            287.21
                                                     287.21
## 4051
         1984-01-18 ^IXIC
                                    287.21
                                             287.21
                                                                   0 1.220107e-01
## 4052
         1984-01-18
                                      0.51
                                               0.52
                                                       0.51
                                                               984400 -9.982243e+01
                      AAPL
                              0.51
         1984-01-19 ^IXIC
## 4053
                            286.49
                                                                    0 5.607451e+04
                                    286.49
                                             286.49
                                                     286.49
                                                               668400 -9.981849e+01
## 4054
         1984-01-19
                      AAPL
                              0.52
                                      0.52
                                               0.53
                                                       0.52
                                             284.41
## 4055
         1984-01-20 ^IXIC
                            284.41
                                    284.41
                                                     284.41
                                                                    0 5.459423e+04
## 4056
         1984-01-20
                      AAPL
                              0.51
                                      0.51
                                               0.52
                                                       0.50
                                                               631000 -9.982068e+01
## 4057
         1984-01-23 ^IXIC
                            280.20
                                    280.20
                                             280.20
                                                     280.20
                                                                    0 5.484118e+04
## 4058
         1984-01-23
                      AAPL
                              0.52
                                      0.52
                                               0.52
                                                       0.52
                                                              1242700 -9.981442e+01
## 4059
         1984-01-24 ^IXIC
                            278.82
                                    278.82
                                             278.82
                                                     278.82
                                                                    0 5.351923e+04
## 4060
         1984-01-24
                      AAPL
                              0.49
                                      0.49
                                               0.52
                                                       0.49
                                                              1429600 -9.982426e+01
## 4061
         1984-01-25
                      AAPL
                              0.48
                                      0.48
                                               0.52
                                                       0.48
                                                              1178000 -2.040816e+00
## 4062
         1984-01-25 ^IXIC
                            277.35
                                    277.35
                                             277.35
                                                     277.35
                                                                    0 5.768125e+04
## 4063
         1984-01-26 ^IXIC
                            275.61
                                    275.61
                                             275.61
                                                     275.61
                                                                    0 -6.273661e-01
## 4064
                     AAPL
                              0.49
                                      0.49
                                               0.50
                                                       0.49
                                                               752200 -9.982221e+01
         1984-01-26
## 4065
         1984-01-27
                    ^IXIC
                            273.18
                                    273.18
                                             273.18
                                                     273.18
                                                                    0 5.565102e+04
                              0.47
                                      0.47
                                               0.50
                                                       0.46
                                                               866500 -9.982795e+01
## 4066
         1984-01-27
                     AAPL
## 4067
         1984-01-30
                      AAPL
                              0.44
                                      0.44
                                               0.48
                                                       0.44
                                                              1238700 -6.382979e+00
## 4068
         1984-01-30 ^IXIC
                            269.23
                                    269.23
                                             269.23
                                                     269.23
                                                                    0 6.108864e+04
## 4069
         1984-01-31
                      AAPL
                              0.44
                                      0.44
                                               0.45
                                                       0.44
                                                              1540600 -9.983657e+01
         1984-01-31 ^IXIC
                            268.43
                                    268.43
                                             268.43
                                                     268.43
                                                                    0 6.090682e+04
## 4070
                                                               728200 -9.983608e+01
## 4071
         1984-02-01
                     AAPL
                              0.44
                                      0.44
                                               0.46
                                                       0.44
         1984-02-01 ^IXIC
## 4072
                            266.43
                                    266.43
                                             266.43
                                                     266.43
                                                                    0 6.045227e+04
## 4073
         1984-02-02
                      AAPL
                              0.44
                                      0.44
                                               0.45
                                                      0.44
                                                               602300 -9.983485e+01
## 4074
         1984-02-02 ^IXIC
                            266.16
                                    266.16
                                             266.16
                                                     266.16
                                                                  0 6.039091e+04
## 4075
         1984-02-03
                      AAPL
                              0.44
                                      0.44
                                               0.46
                                                       0.44
                                                               649500 -9.983469e+01
         1984-02-03 ^IXIC
                                                                   0 5.990227e+04
## 4076
                            264.01
                                    264.01
                                             264.01
                                                     264.01
## 4077
         1984-02-06
                      AAPL
                              0.42
                                      0.42
                                               0.44
                                                       0.42
                                                               739100 -9.984092e+01
                                                     258.64
## 4078
         1984-02-06 ^IXIC
                            258.64
                                    258.64
                                             258.64
                                                                    0 6.148095e+04
## 4079
         1984-02-07 ^IXIC
                            257.81
                                    257.81
                                             257.81
                                                     257.81
                                                                    0 -3.209094e-01
## 4080
         1984-02-07
                      AAPL
                              0.43
                                      0.43
                                               0.43
                                                       0.43
                                                               972000 -9.983321e+01
                            253.96
                                    253.96
                                             253.96
                                                     253.96
## 4081
         1984-02-08 ^IXIC
                                                                    0 5.896047e+04
## 4082
         1984-02-08
                     AAPL
                              0.42
                                      0.42
                                               0.44
                                                       0.42
                                                               661700 -9.983462e+01
## 4083
         1984-02-09 AAPL
                              0.42
                                      0.42
                                               0.43
                                                       0.42
                                                              1048200 0.000000e+00
## 4084
         1984-02-09 ^IXIC
                           251.69
                                    251.69
                                             251.69 251.69
                                                                    0 5.982619e+04
```

```
## 4085
         1984-02-10 AAPL
                               0.44
                                       0.44
                                                0.45
                                                        0.42
                                                                642700 -9.982518e+01
         1984-02-10 ^IXIC
                            254.04
                                     254.04
                                             254.04
                                                      254.04
## 4086
                                                                     0 5.763636e+04
## 4087
                                       0.43
                                                        0.43
         1984-02-13
                      AAPL
                               0.43
                                                0.44
                                                                472000 -9.983074e+01
## 4088
         1984-02-13 ^IXIC
                            250.57
                                     250.57
                                             250.57
                                                      250.57
                                                                        5.817209e+04
                                                                     0
  4089
         1984-02-14
                      AAPL
                               0.46
                                       0.46
                                                0.46
                                                        0.46
                                                                933300 -9.981642e+01
## 4090
         1984-02-14 ^IXIC
                            252.43
                                     252.43
                                             252.43
                                                      252.43
                                                                        5.477609e+04
                                                                     0
## 4091
         1984-02-15
                      AAPL
                               0.45
                                       0.45
                                                0.48
                                                        0.45
                                                                896600 -9.982173e+01
         1984-02-15 ^IXIC
                                             252.73
## 4092
                            252.73
                                     252.73
                                                      252.73
                                                                     0
                                                                        5.606222e+04
## 4093
         1984-02-16
                      AAPL
                               0.45
                                       0.45
                                                0.46
                                                        0.45
                                                                469800 -9.982194e+01
                            251.84
## 4094
         1984-02-16 ^IXIC
                                     251.84
                                             251.84
                                                      251.84
                                                                     0 5.586444e+04
## 4095
         1984-02-17 ^IXIC
                            251.33
                                     251.33
                                             251.33
                                                      251.33
                                                                     0 -2.025095e-01
## 4096
                      AAPL
                               0.45
                                                0.46
         1984-02-17
                                       0.45
                                                        0.45
                                                                601100 -9.982095e+01
## 4097
         1984-02-21
                     ^IXIC
                            249.96
                                     249.96
                                             249.96
                                                      249.96
                                                                     0
                                                                        5.544667e+04
         1984-02-21
## 4098
                      AAPL
                               0.47
                                       0.47
                                                0.47
                                                        0.47
                                                                537000 -9.981197e+01
                      AAPL
## 4099
         1984-02-22
                               0.49
                                       0.49
                                                0.49
                                                        0.49
                                                                997200
                                                                        4.255319e+00
## 4100
         1984-02-22 ^IXIC
                            249.16
                                     249.16
                                             249.16
                                                      249.16
                                                                     0
                                                                        5.074898e+04
                               0.48
                                                0.49
                                                        0.48
                                                                692200 -9.980735e+01
## 4101
         1984-02-23
                      AAPL
                                       0.48
## 4102
         1984-02-23 ^IXIC
                            247.09
                                     247.09
                                             247.09
                                                      247.09
                                                                        5.137708e+04
                                                                     0
         1984-02-24 ^IXIC
## 4103
                            251.44
                                             251.44
                                                                        1.760492e+00
                                     251.44
                                                      251.44
                                                                     0
## 4104
         1984-02-24
                      AAPL
                               0.48
                                       0.48
                                                0.49
                                                        0.48
                                                                347400 -9.980910e+01
## 4105
         1984-02-27
                      AAPL
                               0.48
                                       0.48
                                                0.49
                                                        0.48
                                                                542700
                                                                        0.000000e+00
## 4106
         1984-02-27 ^IXIC
                            254.32
                                     254.32
                                             254.32
                                                      254.32
                                                                        5.288333e+04
                                                                     0
         1984-02-28 ^IXIC
## 4107
                            251.55
                                     251.55
                                             251.55
                                                                     0 -1.089179e+00
                                                      251.55
## 4108
         1984-02-28
                      AAPL
                               0.46
                                       0.46
                                                0.48
                                                        0.46
                                                                758600 -9.981713e+01
                                                                598400 2.173913e+00
## 4109
                                                0.48
         1984-02-29
                      AAPL
                               0.47
                                       0.47
                                                        0.47
## 4110
         1984-02-29 ^IXIC
                            252.57
                                     252.57
                                             252.57
                                                      252.57
                                                                     0
                                                                        5.363830e+04
         1984-03-01 ^IXIC
                            253.50
                                     253.50
                                             253.50
                                                      253.50
                                                                        3.682148e-01
## 4111
                                                                     0
## 4112
         1984-03-01
                      AAPL
                               0.48
                                       0.48
                                                0.48
                                                        0.48
                                                                590900 -9.981065e+01
                                                0.50
         1984-03-02
                      AAPL
                               0.49
                                                        0.48
                                                                853800 2.083333e+00
## 4113
                                       0.49
## 4114
         1984-03-02 ^IXIC
                            255.54
                                     255.54
                                             255.54
                                                      255.54
                                                                     0 5.205102e+04
## 4115
         1984-03-05
                      AAPL
                               0.48
                                       0.48
                                                0.49
                                                        0.48
                                                                328600 -9.981216e+01
## 4116
         1984-03-05 ^IXIC
                            253.86
                                     253.86
                                             253.86
                                                      253.86
                                                                     0
                                                                        5.278750e+04
## 4117
         1984-03-06
                      AAPL
                               0.46
                                       0.46
                                                0.49
                                                        0.46
                                                                441900 -9.981880e+01
         1984-03-06 ^IXIC
                            252.24
                                             252.24
                                                      252.24
## 4118
                                     252.24
                                                                        5.473478e+04
                                                                     0
## 4119
         1984-03-07
                      AAPL
                               0.47
                                       0.47
                                                0.48
                                                        0.47
                                                                431100 -9.981367e+01
                            249.16
                                             249.16
## 4120
         1984-03-07 ^IXIC
                                     249.16
                                                      249.16
                                                                     0
                                                                        5.291277e+04
## 4121
         1984-03-08
                      AAPI
                               0.48
                                       0.48
                                                0.48
                                                        0.48
                                                                579400 -9.980735e+01
## 4122
         1984-03-08 ^IXIC
                            249.66
                                     249.66
                                             249.66
                                                      249.66
                                                                     0 5.191250e+04
## 4123
         1984-03-09
                      AAPL
                               0.47
                                                0.48
                                                        0.47
                                                                294900 -9.981174e+01
                                       0.47
         1984-03-09 ^IXIC
                            249.01
                                             249.01
                                                      249.01
## 4124
                                     249.01
                                                                     0 5.288085e+04
         1984-03-12 ^IXIC
                            249.74
                                             249.74
## 4125
                                     249.74
                                                      249.74
                                                                     0
                                                                        2.931609e-01
## 4126
         1984-03-12
                      AAPL
                               0.49
                                                0.49
                                                        0.49
                                                                558200 -9.980380e+01
                                       0.49
## 4127
         1984-03-13
                      AAPL
                               0.48
                                       0.48
                                                0.50
                                                        0.48
                                                                682500 -2.040816e+00
                            250.67
## 4128
         1984-03-13 ^IXIC
                                     250.67
                                             250.67
                                                      250.67
                                                                     0 5.212292e+04
## 4129
         1984-03-14
                      AAPL
                               0.48
                                       0.48
                                                0.48
                                                        0.48
                                                                266100 -9.980851e+01
         1984-03-14 ^IXIC
                            250.25
## 4130
                                     250.25
                                             250.25
                                                      250.25
                                                                        5.203542e+04
                                                                     0
## 4131
         1984-03-15
                      AAPL
                               0.48
                                       0.48
                                                0.48
                                                        0.48
                                                                246800 -9.980819e+01
## 4132
         1984-03-15 ^IXIC
                            251.05
                                     251.05
                                             251.05
                                                      251.05
                                                                     0
                                                                        5.220208e+04
## 4133
         1984-03-16 ^IXIC
                            253.37
                                     253.37
                                             253.37
                                                      253.37
                                                                     Ω
                                                                        9.241187e-01
## 4134
         1984-03-16
                      AAPL
                               0.48
                                       0.48
                                                0.50
                                                        0.47
                                                                556700 -9.981055e+01
                            251.65
## 4135
         1984-03-19 ^IXIC
                                     251.65
                                             251.65
                                                      251.65
                                                                     0
                                                                        5.232708e+04
## 4136
         1984-03-19
                      AAPL
                               0.47
                                       0.47
                                                0.47
                                                        0.47
                                                                368700 -9.981323e+01
## 4137
         1984-03-20 ^IXIC
                            252.74
                                     252.74
                                             252.74
                                                      252.74
                                                                     0 5.367447e+04
## 4138
         1984-03-20
                     AAPL
                               0.46
                                       0.46
                                                0.48
                                                        0.46
                                                                448800 -9.981799e+01
```

```
## 4139
         1984-03-21 ^IXIC
                           252.49
                                    252.49
                                             252.49
                                                     252.49
                                                                    0 5.478913e+04
## 4140
                              0.46
                                               0.48
                                                       0.46
                                                               212800 -9.981781e+01
         1984-03-21
                      AAPL
                                      0.46
         1984-03-22
                              0.46
                                       0.46
                                                       0.46
## 4141
                      AAPL
                                               0.46
                                                               228500 0.000000e+00
         1984-03-22 ^IXIC
## 4142
                            250.77
                                    250.77
                                             250.77
                                                     250.77
                                                                    0 5.441522e+04
## 4143
         1984-03-23
                    ^IXIC
                            249.98
                                    249.98
                                             249.98
                                                     249.98
                                                                    0 -3.150297e-01
## 4144
         1984-03-23
                              0.46
                                       0.46
                                               0.46
                                                       0.45
                                                               272900 -9.981599e+01
                      AAPL
                                               0.47
                                                       0.46
## 4145
         1984-03-26
                      AAPL
                              0.46
                                       0.46
                                                               254300 0.000000e+00
                            249.30
         1984-03-26 ^IXIC
                                             249.30
## 4146
                                    249.30
                                                     249.30
                                                                    0 5.409565e+04
## 4147
         1984-03-27 ^IXIC
                            249.10
                                    249.10
                                             249.10
                                                     249.10
                                                                    0 -8.022463e-02
## 4148
         1984-03-27
                      AAPL
                              0.45
                                      0.45
                                               0.46
                                                       0.45
                                                               443300 -9.981935e+01
## 4149
         1984-03-28
                      AAPL
                              0.46
                                      0.46
                                               0.46
                                                       0.46
                                                               337000 2.22222e+00
                     ^IXIC
## 4150
         1984-03-28
                            251.01
                                    251.01
                                             251.01
                                                     251.01
                                                                    0 5.446739e+04
## 4151
         1984-03-29
                      AAPL
                              0.45
                                      0.45
                                               0.46
                                                       0.45
                                                               174900 -9.982072e+01
                    ^IXIC
                            251.63
                                             251.63
## 4152
         1984-03-29
                                    251.63
                                                     251.63
                                                                  0 5.581778e+04
## 4153
         1984-03-30
                      AAPL
                              0.44
                                       0.44
                                               0.46
                                                       0.44
                                                               204200 -9.982514e+01
## 4154
         1984-03-30 ^IXIC
                            250.78
                                     250.78
                                             250.78
                                                     250.78
                                                                   0 5.689545e+04
                            249.80
                                             249.80
                                                     249.80
                                                                    0 -3.907808e-01
## 4155
         1984-04-02 ^IXIC
                                    249.80
## 4156
         1984-04-02
                      AAPL
                              0.44
                                      0.44
                                               0.45
                                                       0.44
                                                               244000 -9.982386e+01
         1984-04-03 ^IXIC
                            248.88
                                             248.88
## 4157
                                    248.88
                                                     248.88
                                                                    0 5.646364e+04
## 4158
         1984-04-03
                      AAPL
                              0.45
                                       0.45
                                               0.45
                                                       0.45
                                                               196900 -9.981919e+01
## 4159
         1984-04-04 ^IXIC
                            248.51
                                    248.51
                                             248.51
                                                     248.51
                                                                   0 5.512444e+04
## 4160
         1984-04-04
                              0.44
                                               0.45
                                                       0.44
                                                               480700 -9.982294e+01
                      AAPL
                                       0.44
         1984-04-05 ^IXIC
## 4161
                            245.74
                                             245.74
                                                                    0 5.575000e+04
                                    245.74
                                                     245.74
         1984-04-05
                                                               369700 -9.982502e+01
## 4162
                      AAPL
                              0.43
                                       0.43
                                               0.44
                                                       0.43
## 4163
                            243.94
                                             243.94
         1984-04-06 ^IXIC
                                    243.94
                                                     243.94
                                                                    0 5.663023e+04
## 4164
         1984-04-06
                     AAPL
                              0.42
                                      0.42
                                               0.44
                                                       0.41
                                                               382100 -9.982783e+01
## 4165
         1984-04-09 ^IXIC
                            242.84
                                    242.84
                                             242.84
                                                     242.84
                                                                    0 5.771905e+04
## 4166
         1984-04-09
                      AAPL
                              0.42
                                      0.42
                                               0.43
                                                       0.42
                                                               242200 -9.982705e+01
         1984-04-10 ^IXIC
                            243.45
                                    243.45
                                             243.45
                                                     243.45
                                                                   0 5.786429e+04
## 4167
## 4168
         1984-04-10
                      AAPL
                              0.44
                                      0.44
                                               0.44
                                                       0.44
                                                               254900 -9.981926e+01
         1984-04-11 ^IXIC
## 4169
                            241.79
                                    241.79
                                             241.79
                                                     241.79
                                                                    0 5.485227e+04
## 4170
         1984-04-11
                      AAPL
                              0.44
                                      0.44
                                               0.45
                                                       0.44
                                                               315200 -9.981802e+01
## 4171
         1984-04-12 ^IXIC
                            242.56
                                    242.56
                                             242.56
                                                     242.56
                                                                    0 5.502727e+04
                      AAPL
## 4172
                              0.46
                                      0.46
                                               0.46
                                                       0.46
                                                               350000 -9.981036e+01
         1984-04-12
## 4173
         1984-04-13
                      AAPL
                              0.46
                                      0.46
                                               0.47
                                                       0.46
                                                               461600 0.000000e+00
## 4174
         1984-04-13 ^IXIC
                            244.01
                                    244.01
                                             244.01
                                                     244.01
                                                                    0 5.294565e+04
## 4175
         1984-04-16
                      AAPL
                              0.47
                                       0.47
                                               0.47
                                                       0.47
                                                               304100 -9.980738e+01
## 4176
         1984-04-16 ^IXIC
                            243.88
                                    243.88
                                             243.88
                                                     243.88
                                                                    0 5.178936e+04
         1984-04-17 ^IXIC
                            245.59
                                    245.59
                                             245.59
                                                     245.59
                                                                    0
                                                                       7.011645e-01
## 4177
         1984-04-17
                      AAPL
                              0.49
                                               0.50
                                                       0.49
                                                             1486400 -9.980048e+01
## 4178
                                      0.49
                      AAPL
                                                               891400 2.040816e+00
## 4179
         1984-04-18
                              0.50
                                      0.50
                                               0.50
                                                       0.50
## 4180
         1984-04-18 ^IXIC
                            245.48
                                    245.48
                                             245.48
                                                     245.48
                                                                    0 4.899600e+04
## 4181
         1984-04-19
                      AAPL
                              0.50
                                      0.50
                                               0.51
                                                       0.50
                                                               550900 -9.979632e+01
                                                                    0 4.897000e+04
## 4182
         1984-04-19 ^IXIC
                            245.35
                                    245.35
                                             245.35
                                                     245.35
## 4183
         1984-04-23 ^IXIC
                            243.93
                                    243.93
                                             243.93
                                                     243.93
                                                                    0 -5.787650e-01
## 4184
         1984-04-23
                      AAPL
                              0.51
                                      0.51
                                               0.52
                                                       0.51
                                                              1311900 -9.979092e+01
## 4185
         1984-04-24
                      AAPL
                              0.50
                                      0.50
                                               0.52
                                                       0.50
                                                              1257000 -1.960784e+00
## 4186
         1984-04-24 ^IXIC
                            244.06
                                    244.06
                                             244.06
                                                     244.06
                                                                    0 4.871200e+04
## 4187
         1984-04-25
                      AAPL
                              0.49
                                      0.49
                                               0.50
                                                       0.49
                                                               870000 -9.979923e+01
## 4188
         1984-04-25
                     ^IXIC
                            243.90
                                    243.90
                                             243.90
                                                     243.90
                                                                    0 4.967551e+04
                              0.53
                                               0.53
                                                       0.53
                                                              1421900 -9.978270e+01
## 4189
         1984-04-26
                      AAPL
                                      0.53
## 4190
         1984-04-26 ^IXIC
                            245.93
                                    245.93
                                             245.93
                                                     245.93
                                                                    0 4.630189e+04
## 4191
         1984-04-27 AAPL
                              0.54
                                       0.54
                                               0.55
                                                       0.52
                                                             1660700 -9.978043e+01
## 4192
         1984-04-27 ^IXIC
                           246.90
                                    246.90
                                             246.90
                                                     246.90
                                                                    0 4.562222e+04
```

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## 4193
        1984-04-30 AAPL
                              0.56
                                      0.56
                                              0.56
                                                      0.56 1308700 -9.977319e+01
         1984-04-30 ^IXIC
                                    247.44
                                            247.44
## 4194
                           247.44
                                                    247.44
                                                                   0 4.408571e+04
                                                     250.26
## 4195
         1984-05-01 ^IXIC
                            250.26
                                    250.26
                                            250.26
                                                                   0 1.139670e+00
## 4196
         1984-05-01
                     AAPL
                              0.59
                                      0.59
                                              0.59
                                                       0.59
                                                             1814800 -9.976425e+01
## 4197
         1984-05-02 ^IXIC
                            253.01
                                    253.01
                                            253.01
                                                     253.01
                                                                   0 4.278305e+04
## 4198
                              0.59
                                      0.59
                                              0.60
                                                             1416600 -9.976681e+01
         1984-05-02
                     AAPL
                                                       0.59
                            252.55
## 4199
         1984-05-03 ^IXIC
                                    252.55
                                            252.55
                                                     252.55
                                                                   0 4.270508e+04
## 4200
         1984-05-03
                     AAPL
                              0.56
                                      0.56
                                              0.59
                                                       0.56
                                                             1461700 -9.977826e+01
## 4201
         1984-05-04 ^IXIC
                            250.89
                                    250.89
                                            250.89
                                                     250.89
                                                                   0 4.470179e+04
                              0.54
                                                             1162700 -9.978477e+01
## 4202
         1984-05-04
                     AAPL
                                      0.54
                                              0.56
                                                       0.54
## 4203
         1984-05-07 ^IXIC
                            251.35
                                    251.35
                                            251.35
                                                     251.35
                                                                   0 4.644630e+04
## 4204
                     AAPL
                              0.56
                                                      0.56
         1984-05-07
                                      0.56
                                              0.56
                                                              714600 -9.977720e+01
## 4205
         1984-05-08 ^IXIC
                            252.42
                                    252.42
                                            252.42
                                                    252.42
                                                                   0 4.497500e+04
                              0.59
                                      0.59
                                              0.59
                                                      0.59
## 4206
         1984-05-08
                     AAPL
                                                             1138400 -9.976626e+01
## 4207
         1984-05-09
                     AAPL
                              0.59
                                      0.59
                                              0.61
                                                       0.59
                                                             1808100 0.000000e+00
## 4208
         1984-05-09 ^IXIC
                            252.60
                                    252.60
                                            252.60
                                                     252.60
                                                                   0 4.271356e+04
                              0.59
                                      0.59
                                              0.60
                                                       0.59
                                                             1065300 -9.976643e+01
## 4209
         1984-05-10 AAPL
## 4210
         1984-05-10 ^IXIC
                            252.91
                                    252.91
                                            252.91
                                                     252.91
                                                                   0 4.276610e+04
## 4211
         1984-05-11 ^IXIC
                            250.57
                                            250.57
                                                     250.57
                                                                   0 -9.252303e-01
                                    250.57
## 4212
         1984-05-11
                     AAPL
                              0.58
                                      0.58
                                              0.59
                                                       0.55
                                                              882700 -9.976853e+01
## 4213
         1984-05-14 ^IXIC
                            248.87
                                    248.87
                                            248.87
                                                     248.87
                                                                   0 4.280862e+04
## 4214
                                      0.56
                                               0.57
                                                       0.56
                                                              398600 -9.977498e+01
         1984-05-14
                     AAPL
                              0.56
         1984-05-15 ^IXIC
## 4215
                            249.00
                                                     249.00
                                                                   0 4.436429e+04
                                    249.00
                                            249.00
## 4216
         1984-05-15
                     AAPL
                              0.57
                                      0.57
                                              0.57
                                                       0.57
                                                              458500 -9.977108e+01
## 4217
         1984-05-16 ^IXIC
                            248.68
                                    248.68
                                            248.68
                                                     248.68
                                                                   0 4.352807e+04
## 4218
         1984-05-16 AAPL
                              0.54
                                      0.54
                                              0.57
                                                       0.54
                                                              980900 -9.978285e+01
## 4219
         1984-05-17 ^IXIC
                            246.12
                                    246.12
                                            246.12
                                                     246.12
                                                                   0 4.547778e+04
## 4220
         1984-05-17
                     AAPL
                              0.52
                                     0.52
                                              0.54
                                                      0.52
                                                             1258700 -9.978872e+01
## 4221
         1984-05-18 ^IXIC
                            244.61
                                    244.61
                                            244.61
                                                     244.61
                                                                   0 4.694038e+04
## 4222
         1984-05-18
                     AAPL
                              0.53
                                      0.53
                                              0.53
                                                       0.51
                                                              863700 -9.978333e+01
## 4223
         1984-05-21
                     AAPL
                              0.57
                                      0.57
                                              0.58
                                                       0.57
                                                              971100 7.547170e+00
## 4224
         1984-05-21 ^IXIC
                            243.15
                                    243.15
                                            243.15
                                                     243.15
                                                                   0 4.255789e+04
## 4225
         1984-05-22 ^IXIC
                            240.80
                                    240.80
                                            240.80
                                                     240.80
                                                                   0 -9.664816e-01
                     AAPL
## 4226
                                      0.55
                                              0.57
                                                       0.55
         1984-05-22
                              0.55
                                                            1344900 -9.977159e+01
## 4227
         1984-05-23
                     AAPL
                              0.54
                                      0.54
                                              0.56
                                                       0.54
                                                              754300 -1.818182e+00
## 4228
         1984-05-23 ^IXIC
                                    239.58
                                            239.58
                                                    239.58
                                                                   0 4.426667e+04
                            239.58
## 4229
         1984-05-24
                     AAPL
                              0.52
                                      0.52
                                              0.54
                                                       0.52
                                                              863000 -9.978295e+01
## 4230
         1984-05-24 ^IXIC
                            235.39
                                    235.39
                                            235.39
                                                     235.39
                                                                   0 4.516731e+04
## 4231
         1984-05-25
                     AAPL
                              0.53
                                      0.53
                                              0.53
                                                       0.52
                                                              536200 -9.977484e+01
         1984-05-25 ^IXIC
                            235.23
                                    235.23
                                            235.23
                                                     235.23
                                                                   0 4.428302e+04
## 4232
                     AAPL
                                                       0.52
                                                              697600 -9.977894e+01
## 4233
         1984-05-29
                              0.52
                                      0.52
                                              0.53
## 4234
         1984-05-29 ^IXIC
                            232.61
                                    232.61
                                            232.61
                                                     232.61
                                                                   0 4.463269e+04
## 4235
         1984-05-30
                     AAPL
                              0.52
                                      0.52
                                              0.53
                                                       0.52
                                                             1421600 -9.977645e+01
                                                                   0 4.450192e+04
## 4236
         1984-05-30 ^IXIC
                            231.93
                                    231.93
                                            231.93
                                                    231.93
         1984-05-31 ^IXIC
## 4237
                            232.82
                                    232.82
                                            232.82
                                                     232.82
                                                                   0 3.837365e-01
                                                      0.52
## 4238
         1984-05-31
                     AAPL
                              0.52
                                      0.52
                                              0.53
                                                              745600 -9.977665e+01
## 4239
         1984-06-01
                     AAPL
                              0.54
                                      0.54
                                              0.54
                                                       0.52
                                                             1081700
                                                                      3.846154e+00
## 4240
         1984-06-01 ^IXIC
                            235.90
                                    235.90
                                            235.90
                                                     235.90
                                                                   0 4.358519e+04
## 4241
         1984-06-04 ^IXIC
                            238.75
                                    238.75
                                            238.75
                                                     238.75
                                                                   0 1.208139e+00
## 4242
         1984-06-04
                     AAPL
                              0.53
                                      0.53
                                              0.55
                                                      0.53
                                                              662000 -9.977801e+01
         1984-06-05 ^IXIC
                            238.43
                                    238.43
                                            238.43
                                                     238.43
## 4243
                                                                   0 4.488679e+04
## 4244
         1984-06-05
                     AAPL
                              0.50
                                      0.50
                                              0.52
                                                       0.50
                                                             1466200 -9.979029e+01
## 4245
         1984-06-06 AAPL
                              0.52
                                      0.52
                                              0.52
                                                       0.52
                                                              720800 4.000000e+00
## 4246
        1984-06-06 ^IXIC
                           239.49
                                    239.49
                                            239.49 239.49
                                                               0 4.595577e+04
```

```
## 4247
         1984-06-07 ^IXIC
                            239.89
                                     239.89
                                             239.89
                                                      239.89
                                                                     0 1.670216e-01
## 4248
                              0.51
                                                0.52
         1984-06-07
                      AAPL
                                       0.51
                                                        0.51
                                                                457800 -9.978740e+01
                              0.51
                                                                486500 0.000000e+00
## 4249
         1984-06-08
                      AAPL
                                       0.51
                                                0.52
                                                        0.50
## 4250
         1984-06-08 ^IXIC
                            240.35
                                     240.35
                                             240.35
                                                      240.35
                                                                     0 4.702745e+04
## 4251
         1984-06-11
                      AAPL
                              0.51
                                       0.51
                                               0.52
                                                        0.51
                                                                376100 -9.978781e+01
## 4252
                                             238.12
                                                                     0 4.659020e+04
         1984-06-11 ^IXIC
                            238.12
                                     238.12
                                                      238.12
## 4253
         1984-06-12 ^IXIC
                            237.04
                                     237.04
                                             237.04
                                                      237.04
                                                                     0 -4.535528e-01
## 4254
         1984-06-12
                      AAPL
                              0.52
                                       0.52
                                               0.53
                                                        0.52
                                                                522900 -9.978063e+01
## 4255
         1984-06-13
                      AAPL
                              0.53
                                       0.53
                                               0.53
                                                        0.53
                                                                516600 1.923077e+00
## 4256
         1984-06-13 ^IXIC
                            237.78
                                     237.78
                                             237.78
                                                      237.78
                                                                     0 4.476415e+04
## 4257
         1984-06-14
                      AAPL
                              0.52
                                       0.52
                                               0.53
                                                        0.52
                                                                450700 -9.978131e+01
                     ^IXIC
## 4258
                            235.62
                                             235.62
                                                      235.62
         1984-06-14
                                     235.62
                                                                     0 4.521154e+04
## 4259
         1984-06-15
                      AAPL
                              0.52
                                       0.52
                                               0.52
                                                        0.52
                                                                400800 -9.977931e+01
                                                                     0 4.521538e+04
## 4260
         1984-06-15 ^IXIC
                            235.64
                                     235.64
                                             235.64
                                                      235.64
## 4261
                              0.53
                                       0.53
                                                0.53
                                                        0.53
                                                                511600 -9.977508e+01
         1984-06-18
                      AAPL
## 4262
         1984-06-18 ^IXIC
                            236.82
                                     236.82
                                             236.82
                                                      236.82
                                                                     0
                                                                        4.458302e+04
                               0.52
                                                0.54
                                                        0.52
                                                                718500 -9.978042e+01
## 4263
         1984-06-19
                      AAPL
                                       0.52
## 4264
         1984-06-19 ^IXIC
                            237.87
                                     237.87
                                             237.87
                                                      237.87
                                                                     0 4.564423e+04
         1984-06-20 ^IXIC
                                             238.35
                            238.35
                                     238.35
                                                      238.35
                                                                        2.017909e-01
## 4265
                                                                     0
## 4266
         1984-06-20
                      AAPL
                              0.54
                                       0.54
                                               0.54
                                                        0.54
                                                                533600 -9.977344e+01
## 4267
         1984-06-21 ^IXIC
                            239.75
                                     239.75
                                             239.75
                                                      239.75
                                                                     0 4.429815e+04
## 4268
                                                        0.52
                                                                633500 -9.978311e+01
         1984-06-21
                      AAPL
                               0.52
                                       0.52
                                               0.55
         1984-06-22 ^IXIC
## 4269
                                                                     0 4.626731e+04
                            241.11
                                     241.11
                                             241.11
                                                      241.11
## 4270
         1984-06-22
                      AAPL
                               0.51
                                       0.51
                                               0.53
                                                        0.51
                                                                377700 -9.978848e+01
## 4271
                                                                     0 4.712549e+04
         1984-06-25 ^IXIC
                            240.85
                                     240.85
                                             240.85
                                                      240.85
## 4272
         1984-06-25
                      AAPL
                              0.49
                                       0.49
                                               0.52
                                                        0.49
                                                                747700 -9.979655e+01
## 4273
         1984-06-26
                     ^IXIC
                            238.88
                                     238.88
                                             238.88
                                                      238.88
                                                                     0 4.865102e+04
## 4274
         1984-06-26
                      AAPL
                              0.46
                                       0.46
                                               0.49
                                                        0.46
                                                                663600 -9.980743e+01
## 4275
                            237.20
                                     237.20
                                             237.20
                                                      237.20
         1984-06-27
                     ^IXIC
                                                                     0 5.146522e+04
## 4276
         1984-06-27
                      AAPL
                              0.45
                                       0.45
                                                0.47
                                                        0.45
                                                               1684300 -9.981029e+01
                     ^IXIC
## 4277
         1984-06-28
                            238.32
                                     238.32
                                             238.32
                                                      238.32
                                                                     0
                                                                        5.286000e+04
## 4278
         1984-06-28
                      AAPL
                              0.47
                                       0.47
                                                0.48
                                                        0.47
                                                                528200 -9.980279e+01
## 4279
         1984-06-29
                      AAPL
                              0.47
                                       0.47
                                                0.50
                                                        0.47
                                                                633900 0.000000e+00
                     ^IXIC
## 4280
         1984-06-29
                            239.65
                                     239.65
                                             239.65
                                                      239.65
                                                                     0 5.088936e+04
## 4281
         1984-07-02
                     ^IXIC
                            237.91
                                     237.91
                                             237.91
                                                      237.91
                                                                     0 -7.260588e-01
                                                        0.46
## 4282
                              0.46
                                       0.46
                                               0.48
                                                                712800 -9.980665e+01
         1984-07-02
                      AAPL
## 4283
         1984-07-03
                      AAPL
                               0.45
                                       0.45
                                               0.46
                                                        0.45
                                                                799400 -2.173913e+00
## 4284
         1984-07-03 ^IXIC
                            238.29
                                     238.29
                                             238.29
                                                      238.29
                                                                     0 5.285333e+04
## 4285
         1984-07-05 ^IXIC
                            237.83
                                     237.83
                                             237.83
                                                      237.83
                                                                     0 -1.930421e-01
                                                        0.44
                              0.44
                                               0.46
                                                                416000 -9.981499e+01
## 4286
         1984-07-05
                      AAPL
                                       0.44
                                                                427000 2.272727e+00
  4287
         1984-07-06
                      AAPL
                              0.45
                                       0.45
                                               0.46
                                                        0.43
## 4288
         1984-07-06 ^IXIC
                            236.72
                                     236.72
                                             236.72
                                                      236.72
                                                                     0 5.250444e+04
## 4289
         1984-07-09 ^IXIC
                            236.99
                                     236.99
                                             236.99
                                                      236.99
                                                                     0
                                                                        1.140588e-01
## 4290
         1984-07-09
                      AAPL
                              0.47
                                       0.47
                                               0.47
                                                        0.47
                                                                851200 -9.980168e+01
## 4291
         1984-07-10
                      AAPL
                               0.48
                                       0.48
                                                0.48
                                                        0.48
                                                                769200
                                                                        2.127660e+00
         1984-07-10 ^IXIC
## 4292
                            236.25
                                     236.25
                                             236.25
                                                      236.25
                                                                     0 4.911875e+04
## 4293
         1984-07-11
                      AAPL
                              0.47
                                       0.47
                                               0.49
                                                        0.47
                                                                540600 -9.980106e+01
                                                      234.82
## 4294
         1984-07-11 ^IXIC
                            234.82
                                     234.82
                                             234.82
                                                                     0 4.986170e+04
## 4295
         1984-07-12
                      AAPL
                              0.48
                                       0.48
                                               0.48
                                                        0.48
                                                                753100 -9.979559e+01
## 4296
         1984-07-12
                     ^IXIC
                            234.22
                                     234.22
                                              234.22
                                                      234.22
                                                                        4.869583e+04
                                                                     0
                      AAPL
## 4297
                                                        0.46
                                                                606900 -9.979933e+01
         1984-07-13
                              0.47
                                       0.47
                                               0.48
## 4298
         1984-07-13 ^IXIC
                            234.67
                                     234.67
                                             234.67
                                                      234.67
                                                                     0 4.982979e+04
## 4299
         1984-07-16 AAPL
                              0.46
                                       0.46
                                               0.47
                                                        0.46
                                                                906200 -9.980398e+01
## 4300
         1984-07-16 ^IXIC
                            233.69
                                     233.69
                                             233.69
                                                      233.69
                                                                     0 5.070217e+04
```

```
## 4301
         1984-07-17 ^IXIC
                            233.50
                                     233.50
                                             233.50
                                                      233.50
                                                                     0 -8.130429e-02
                               0.46
                                                                378800 -9.980300e+01
## 4302
         1984-07-17
                      AAPL
                                       0.46
                                                0.46
                                                        0.46
                                     232.23
                                                      232.23
## 4303
         1984-07-18 ^IXIC
                            232.23
                                             232.23
                                                                     0 5.038478e+04
                      AAPL
## 4304
         1984-07-18
                               0.45
                                       0.45
                                                0.46
                                                        0.45
                                                                464400 -9.980623e+01
## 4305
         1984-07-19
                      AAPL
                               0.45
                                       0.45
                                                0.46
                                                        0.45
                                                                347800
                                                                        0.000000e+00
  4306
                                             230.89
##
         1984-07-19 ^IXIC
                            230.89
                                     230.89
                                                      230.89
                                                                     0 5.120889e+04
## 4307
         1984-07-20
                      AAPL
                               0.45
                                       0.45
                                                0.46
                                                        0.45
                                                                148100 -9.980510e+01
         1984-07-20 ^IXIC
                                                                        5.087111e+04
## 4308
                            229.37
                                     229.37
                                             229.37
                                                      229.37
                                                                     0
## 4309
         1984-07-23
                      AAPL
                               0.45
                                       0.45
                                                0.45
                                                        0.45
                                                                419800 -9.980381e+01
                                                      227.06
## 4310
         1984-07-23 ^IXIC
                            227.06
                                     227.06
                                             227.06
                                                                     0 5.035778e+04
## 4311
         1984-07-24
                      AAPL
                               0.48
                                       0.48
                                                0.48
                                                        0.48
                                                                800200 -9.978860e+01
                     ^IXIC
## 4312
                            225.73
                                             225.73
                                                      225.73
         1984-07-24
                                     225.73
                                                                     0 4.692708e+04
## 4313
         1984-07-25
                      AAPL
                               0.48
                                       0.48
                                                0.49
                                                        0.48
                                                                894900 -9.978736e+01
## 4314
         1984-07-25
                     ^IXIC
                            225.30
                                     225.30
                                             225.30
                                                      225.30
                                                                     0 4.683750e+04
## 4315
         1984-07-26
                      AAPL
                               0.49
                                                        0.49
                                                                639900 -9.978251e+01
                                       0.49
                                                0.49
## 4316
         1984-07-26 ^IXIC
                            227.06
                                     227.06
                                             227.06
                                                      227.06
                                                                     0
                                                                        4.623878e+04
                               0.48
                                                0.49
                                                        0.48
                                                                330100 -9.978860e+01
## 4317
         1984-07-27
                      AAPL
                                       0.48
## 4318
         1984-07-27 ^IXIC
                            229.30
                                     229.30
                                             229.30
                                                      229.30
                                                                     0 4.767083e+04
## 4319
         1984-07-30 ^IXIC
                                                      228.95
                            228.95
                                             228.95
                                     228.95
                                                                     0 -1.526385e-01
## 4320
         1984-07-30
                      AAPL
                               0.46
                                       0.46
                                                0.49
                                                        0.46
                                                                558200 -9.979908e+01
## 4321
         1984-07-31
                      AAPL
                               0.46
                                       0.46
                                                0.46
                                                        0.46
                                                                891200 0.000000e+00
## 4322
         1984-07-31 ^IXIC
                            229.70
                                     229.70
                                             229.70
                                                      229.70
                                                                     0
                                                                        4.983478e+04
                     AAPL
                                                0.46
                                                               1275600 -9.980409e+01
## 4323
         1984-08-01
                               0.45
                                       0.45
                                                        0.45
                            233.35
                                     233.35
                                             233.35
                                                      233.35
## 4324
         1984-08-01 ^IXIC
                                                                     0
                                                                        5.175556e+04
## 4325
         1984-08-02
                      AAPL
                               0.43
                                       0.43
                                                0.45
                                                        0.43
                                                               1355700 -9.981573e+01
## 4326
         1984-08-02 ^IXIC
                            238.87
                                     238.87
                                             238.87
                                                      238.87
                                                                     0
                                                                        5.545116e+04
## 4327
         1984-08-03 ^IXIC
                            246.24
                                     246.24
                                             246.24
                                                      246.24
                                                                     0
                                                                        3.085360e+00
## 4328
         1984-08-03
                      AAPL
                               0.49
                                       0.49
                                                0.49
                                                        0.43
                                                               2759200 -9.980101e+01
## 4329
         1984-08-06 ^IXIC
                            249.27
                                     249.27
                                             249.27
                                                      249.27
                                                                     0 5.077143e+04
## 4330
         1984-08-06
                      AAPL
                               0.52
                                       0.52
                                                0.54
                                                        0.52
                                                               2798200 -9.979139e+01
         1984-08-07 ^IXIC
## 4331
                            249.09
                                     249.09
                                             249.09
                                                      249.09
                                                                     0 4.780192e+04
  4332
         1984-08-07
                      AAPL
                               0.53
                                       0.53
                                                0.54
                                                        0.53
                                                               1484300 -9.978723e+01
## 4333
         1984-08-08 ^IXIC
                            248.02
                                     248.02
                                             248.02
                                                      248.02
                                                                     0 4.669623e+04
## 4334
                               0.51
                                                        0.51
                                                               1314300 -9.979437e+01
         1984-08-08
                      AAPL
                                       0.51
                                                0.54
## 4335
         1984-08-09
                      `IXIC
                            250.33
                                     250.33
                                             250.33
                                                      250.33
                                                                        4.898431e+04
                                                                     0
## 4336
                              0.53
                                       0.53
                                                0.54
                                                              1150100 -9.978828e+01
         1984-08-09
                      AAPL
                                                        0.53
## 4337
         1984-08-10
                      AAPL
                               0.51
                                       0.51
                                                0.55
                                                        0.51
                                                               1774000 -3.773585e+00
## 4338
         1984-08-10 ^IXIC
                            252.43
                                     252.43
                                             252.43
                                                      252.43
                                                                     0 4.939608e+04
## 4339
         1984-08-13 ^IXIC
                            251.35
                                     251.35
                                             251.35
                                                      251.35
                                                                     0 -4.278414e-01
                      AAPL
                               0.54
                                                               1077900 -9.978516e+01
## 4340
         1984-08-13
                                       0.54
                                                0.54
                                                        0.54
                            250.63
## 4341
         1984-08-14 ^IXIC
                                     250.63
                                             250.63
                                                      250.63
                                                                     0 4.631296e+04
## 4342
         1984-08-14
                      AAPL
                               0.52
                                                0.54
                                                        0.52
                                                                777100 -9.979252e+01
                                       0.52
## 4343
         1984-08-15
                      AAPL
                               0.50
                                       0.50
                                                0.51
                                                        0.50
                                                                798600 -3.846154e+00
## 4344
         1984-08-15 ^IXIC
                            249.70
                                     249.70
                                             249.70
                                                      249.70
                                                                     0 4.984000e+04
## 4345
         1984-08-16
                      AAPL
                               0.50
                                       0.50
                                                0.51
                                                        0.50
                                                                646500 -9.979976e+01
         1984-08-16 ^IXIC
## 4346
                            250.33
                                     250.33
                                             250.33
                                                      250.33
                                                                     0 4.996600e+04
## 4347
         1984-08-17
                      AAPL
                               0.49
                                       0.49
                                                0.50
                                                        0.48
                                                                687200 -9.980426e+01
## 4348
         1984-08-17 ^IXIC
                            250.37
                                     250.37
                                             250.37
                                                      250.37
                                                                     0 5.099592e+04
## 4349
         1984-08-20
                      AAPL
                              0.49
                                       0.49
                                                0.49
                                                        0.49
                                                                618100 -9.980429e+01
## 4350
         1984-08-20 ^IXIC
                            250.22
                                     250.22
                                              250.22
                                                      250.22
                                                                        5.096531e+04
                                                                     0
## 4351
                                                        0.51
                                                                801500 -9.979618e+01
         1984-08-21
                      AAPL
                               0.51
                                       0.51
                                                0.51
## 4352
         1984-08-21 ^IXIC
                            253.33
                                     253.33
                                             253.33
                                                      253.33
                                                                     0 4.957255e+04
## 4353
         1984-08-22 AAPL
                               0.50
                                       0.50
                                                0.52
                                                        0.50
                                                                984000 -9.980263e+01
## 4354
         1984-08-22 ^IXIC
                            253.86
                                     253.86
                                             253.86
                                                      253.86
                                                                     0 5.067200e+04
```

```
## 4355
         1984-08-23 AAPL
                               0.50
                                        0.50
                                                0.51
                                                         0.50
                                                                 372400 -9.980304e+01
         1984-08-23 ^IXIC
                                     254.12
                                              254.12
  4356
                             254.12
                                                      254.12
                                                                      0 5.072400e+04
                                                       254.78
  4357
         1984-08-24 ^IXIC
                             254.78
                                      254.78
                                              254.78
                                                                      0
                                                                         2.597198e-01
  4358
                      AAPL
                               0.50
                                                0.51
                                                         0.50
                                                                 316500 -9.980375e+01
##
         1984-08-24
                                        0.50
##
   4359
         1984-08-27
                     ^IXIC
                             253.29
                                      253.29
                                              253.29
                                                       253.29
                                                                      0
                                                                         5.055800e+04
  4360
                                                0.50
                                                                 391400 -9.980260e+01
##
         1984-08-27
                      AAPL
                               0.50
                                        0.50
                                                         0.50
  4361
         1984-08-28
                     ^IXIC
                             254.37
                                     254.37
                                              254.37
                                                       254.37
                                                                      0
                                                                         5.077400e+04
## 4362
         1984-08-28
                      AAPL
                               0.50
                                        0.50
                                                0.50
                                                         0.50
                                                                 264100 -9.980344e+01
##
  4363
         1984-08-29
                     ^IXIC
                             254.81
                                     254.81
                                              254.81
                                                       254.81
                                                                      0
                                                                         5.086200e+04
                                                                 330900 -9.980770e+01
## 4364
         1984-08-29
                      AAPL
                               0.49
                                        0.49
                                                0.51
                                                         0.49
  4365
         1984-08-30
                     ^IXIC
                             254.56
                                     254.56
                                              254.56
                                                       254.56
                                                                      0 5.185102e+04
## 4366
                      AAPL
                               0.48
                                                0.50
         1984-08-30
                                        0.48
                                                         0.48
                                                                 227500 -9.981144e+01
##
   4367
         1984-08-31
                      AAPL
                               0.47
                                        0.47
                                                0.48
                                                         0.47
                                                                 615400 -2.083333e+00
##
   4368
         1984-08-31
                     ^IXIC
                             254.64
                                     254.64
                                              254.64
                                                       254.64
                                                                      0 5.407872e+04
  4369
                      AAPL
                               0.47
                                        0.47
                                                0.48
                                                         0.47
                                                                 535000 -9.981543e+01
##
         1984-09-04
## 4370
         1984-09-04
                     ^IXIC
                             251.39
                                      251.39
                                              251.39
                                                       251.39
                                                                         5.338723e+04
                                                                      0
                             250.61
                                     250.61
                                              250.61
                                                       250.61
##
  4371
         1984-09-05 ^IXIC
                                                                      0 -3.102749e-01
  4372
         1984-09-05
                      AAPL
                               0.47
                                        0.47
                                                0.48
                                                         0.47
                                                                 463200 -9.981246e+01
                     ^IXIC
                             252.22
                                              252.22
                                                                         5.356383e+04
  4373
         1984-09-06
                                     252.22
                                                       252.22
                                                                      0
## 4374
         1984-09-06
                      AAPL
                               0.47
                                        0.47
                                                0.48
                                                         0.47
                                                                 584700 -9.981365e+01
##
  4375
         1984-09-07 ^IXIC
                             251.68
                                     251.68
                                              251.68
                                                       251.68
                                                                      0
                                                                         5.344894e+04
  4376
         1984-09-07
                               0.47
                                                0.48
                                                                 371700 -9.981325e+01
                      AAPL
                                        0.47
                                                         0.47
                      AAPL
                               0.47
                                                0.48
                                                                 288500
                                                                         0.000000e+00
## 4377
         1984-09-10
                                        0.47
                                                         0.47
                             250.53
                                              250.53
  4378
         1984-09-10 ^IXIC
                                     250.53
                                                       250.53
                                                                      0
                                                                         5.320426e+04
                             251.80
                                              251.80
## 4379
                                     251.80
         1984-09-11 ^IXIC
                                                       251.80
                                                                      0
                                                                         5.069253e-01
  4380
         1984-09-11
                      AAPL
                               0.48
                                        0.48
                                                0.49
                                                         0.48
                                                                 680300 -9.980937e+01
## 4381
         1984-09-12
                     ^IXIC
                             251.45
                                     251.45
                                              251.45
                                                       251.45
                                                                         5.228542e+04
                                                                      0
##
  4382
         1984-09-12
                      AAPL
                               0.47
                                        0.47
                                                0.48
                                                         0.47
                                                                 594300 -9.981308e+01
  4383
         1984-09-13
                               0.49
                                        0.49
                                                0.49
                                                         0.49
                                                                 925600
                                                                         4.255319e+00
##
                      AAPL
## 4384
         1984-09-13 ^IXIC
                             253.34
                                     253.34
                                              253.34
                                                       253.34
                                                                      0
                                                                         5.160204e+04
         1984-09-14 ^IXIC
## 4385
                             255.60
                                      255.60
                                              255.60
                                                       255.60
                                                                      0
                                                                         8.920818e-01
##
   4386
         1984-09-14
                      AAPL
                               0.50
                                        0.50
                                                0.51
                                                         0.49
                                                               1102100 -9.980438e+01
   4387
         1984-09-17 ^IXIC
                             255.39
                                      255.39
                                              255.39
                                                       255.39
                                                                         5.097800e+04
                                                                      0
  4388
                                                0.52
                                                         0.51
##
         1984-09-17
                      AAPL
                               0.51
                                        0.51
                                                                 860500 -9.980031e+01
   4389
         1984-09-18
                               0.49
                                                0.52
                                                         0.49
                                                                 434400 -3.921569e+00
                      AAPL
                                        0.49
  4390
                             253.99
                                              253.99
                                                      253.99
##
         1984-09-18
                     ^IXIC
                                     253.99
                                                                      0 5.173469e+04
  4391
         1984-09-19
                      AAPI
                               0.48
                                        0.48
                                                0.50
                                                         0.48
                                                                 474500 -9.981102e+01
  4392
         1984-09-19 ^IXIC
                             253.01
                                     253.01
                                              253.01
                                                       253.01
                                                                         5.261042e+04
##
                                                                      0
  4393
         1984-09-20
                      AAPL
                               0.48
                                                0.49
                                                         0.48
                                                                 295400 -9.981028e+01
                                        0.48
                             253.13
                                     253.13
                                              253.13
                                                       253.13
##
  4394
         1984-09-20 ^IXIC
                                                                      0 5.263542e+04
                                                                 445700 -9.981037e+01
  4395
         1984-09-21
                      AAPL
                               0.48
                                        0.48
                                                0.50
                                                         0.47
## 4396
         1984-09-21
                     ^IXIC
                             252.68
                                     252.68
                                              252.68
                                                       252.68
                                                                         5.254167e+04
                                                                      0
  4397
         1984-09-24
                      AAPL
                               0.48
                                        0.48
                                                0.48
                                                         0.48
                                                                 352700 -9.981004e+01
##
  4398
         1984-09-24
                     ^IXIC
                             250.80
                                     250.80
                                              250.80
                                                       250.80
                                                                         5.215000e+04
                                                                      0
## 4399
         1984-09-25
                      AAPL
                               0.47
                                        0.47
                                                0.47
                                                         0.47
                                                                 744600 -9.981260e+01
                     ^IXIC
## 4400
         1984-09-25
                             250.01
                                     250.01
                                              250.01
                                                       250.01
                                                                         5.309362e+04
                                                                      0
## 4401
         1984-09-26
                      AAPL
                               0.46
                                        0.46
                                                0.49
                                                         0.46
                                                                 495400 -9.981601e+01
## 4402
         1984-09-26 ^IXIC
                             250.23
                                      250.23
                                              250.23
                                                       250.23
                                                                      0
                                                                         5.429783e+04
## 4403
         1984-09-27
                     ^IXIC
                             250.29
                                     250.29
                                              250.29
                                                       250.29
                                                                      0
                                                                         2.397794e-02
## 4404
         1984-09-27
                      AAPL
                               0.46
                                        0.46
                                                0.46
                                                         0.46
                                                                 472900 -9.981621e+01
                             249.94
## 4405
         1984-09-28
                     ^IXIC
                                     249.94
                                              249.94
                                                       249.94
                                                                      0
                                                                         5.423478e+04
## 4406
         1984-09-28
                      AAPL
                               0.45
                                        0.45
                                                0.46
                                                         0.44
                                                                1042000 -9.981996e+01
         1984-10-01 ^IXIC
## 4407
                             247.86
                                     247.86
                                              247.86
                                                      247.86
                                                                      0
                                                                         5.498000e+04
## 4408
         1984-10-01 AAPL
                               0.44
                                        0.44
                                                0.45
                                                         0.44
                                                                436500 -9.982248e+01
```

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## 4409
         1984-10-02 AAPL
                               0.44
                                       0.44
                                                0.46
                                                        0.44
                                                                527900 0.000000e+00
         1984-10-02 ^IXIC
                                              246.10
                                                      246.10
## 4410
                            246.10
                                     246.10
                                                                     0
                                                                        5.583182e+04
                                       0.45
                                                                537600 -9.981715e+01
## 4411
         1984-10-03
                      AAPL
                              0.45
                                                0.46
                                                        0.45
## 4412
         1984-10-03 ^IXIC
                            244.81
                                     244.81
                                              244.81
                                                      244.81
                                                                        5.430222e+04
                                                                     0
## 4413
         1984-10-04
                      AAPL
                               0.45
                                       0.45
                                                0.46
                                                        0.45
                                                                560200 -9.981618e+01
## 4414
                            245.20
                                              245.20
                                                      245.20
                                                                        5.438889e+04
         1984-10-04 ^IXIC
                                     245.20
                                                                     0
                            245.46
## 4415
         1984-10-05 ^IXIC
                                     245.46
                                              245.46
                                                      245.46
                                                                     0
                                                                        1.060359e-01
                               0.44
## 4416
         1984-10-05
                      AAPL
                                       0.44
                                                0.45
                                                        0.44
                                                                435600 -9.982074e+01
## 4417
         1984-10-08
                      AAPL
                               0.44
                                       0.44
                                                0.45
                                                         0.44
                                                                209700
                                                                        0.000000e+00
## 4418
         1984-10-08 ^IXIC
                            244.56
                                     244.56
                                              244.56
                                                      244.56
                                                                     0
                                                                        5.548182e+04
## 4419
         1984-10-09
                      AAPL
                               0.44
                                       0.44
                                                0.45
                                                        0.44
                                                                559200 -9.982009e+01
         1984-10-09 ^IXIC
## 4420
                            244.09
                                              244.09
                                                      244.09
                                     244.09
                                                                     0
                                                                        5.537500e+04
## 4421
         1984-10-10 ^IXIC
                            243.29
                                     243.29
                                              243.29
                                                      243.29
                                                                     0 -3.277480e-01
                                                        0.43
## 4422
         1984-10-10
                      AAPL
                               0.43
                                       0.43
                                                0.44
                                                               1628800 -9.982326e+01
## 4423
         1984-10-11 ^IXIC
                            244.20
                                     244.70
                                              244.70
                                                      244.20
                                                                     0
                                                                        5.680698e+04
## 4424
         1984-10-11
                      AAPL
                               0.42
                                       0.42
                                                0.44
                                                        0.42
                                                                815900 -9.982836e+01
                               0.41
                                                0.43
                                                         0.40
                                                               1186600 -2.380952e+00
## 4425
         1984-10-12
                      AAPL
                                       0.41
## 4426
         1984-10-12 ^IXIC
                            245.50
                                     246.20
                                              246.20
                                                      245.50
                                                                        5.994878e+04
                                                                     0
## 4427
                      AAPL
                               0.43
         1984-10-15
                                       0.43
                                                0.43
                                                        0.43
                                                               1086000 -9.982535e+01
## 4428
         1984-10-15
                     ^IXIC
                            246.80
                                     247.70
                                              247.70
                                                      246.80
                                                                     0
                                                                        5.750465e+04
## 4429
         1984-10-16
                      AAPL
                               0.43
                                       0.43
                                                0.43
                                                        0.43
                                                                526900 -9.982640e+01
## 4430
         1984-10-16 ^IXIC
                            247.80
                                     247.30
                                              247.90
                                                      247.10
                                                                        5.741163e+04
                                                                     0
## 4431
                      AAPL
                               0.44
                                                0.45
                                                        0.44
                                                                699300 -9.982208e+01
         1984-10-17
                                       0.44
                            247.10
                                              247.10
## 4432
         1984-10-17 ^IXIC
                                     247.10
                                                      246.80
                                                                     0
                                                                        5.605909e+04
                            247.50
                                     249.80
                                              249.80
## 4433
         1984-10-18 ^IXIC
                                                      247.30
                                                                     0
                                                                        1.092675e+00
## 4434
         1984-10-18
                      AAPL
                              0.46
                                       0.46
                                                0.46
                                                        0.46
                                                               1103400 -9.981585e+01
## 4435
         1984-10-19 ^IXIC
                            252.20
                                     251.20
                                              252.20
                                                      251.20
                                                                        5.450870e+04
                                                                     0
## 4436
         1984-10-19
                      AAPL
                               0.46
                                       0.46
                                                0.49
                                                        0.46
                                                               1455900 -9.981688e+01
## 4437
         1984-10-22
                      AAPL
                               0.45
                                                0.46
                                                        0.45
                                                                512300 -2.173913e+00
                                       0.45
## 4438
         1984-10-22 ^IXIC
                            250.70
                                     250.60
                                              251.10
                                                      250.50
                                                                     0 5.558889e+04
## 4439
         1984-10-23
                      AAPL
                               0.46
                                       0.46
                                                0.47
                                                        0.46
                                                                832300 -9.981644e+01
## 4440
         1984-10-23 ^IXIC
                            251.10
                                     250.60
                                              251.10
                                                      250.50
                                                                     0
                                                                        5.437826e+04
## 4441
         1984-10-24 ^IXIC
                            250.70
                                     250.80
                                              250.80
                                                      250.40
                                                                     0
                                                                        7.980846e-02
                      AAPL
## 4442
                              0.47
                                                0.47
         1984-10-24
                                       0.47
                                                        0.47
                                                                745600 -9.981260e+01
## 4443
         1984-10-25
                      ^IXIC
                            250.30
                                     249.00
                                              250.30
                                                      249.00
                                                                        5.287872e+04
                                                                     0
## 4444
         1984-10-25
                               0.45
                                                        0.45
                                                                706100 -9.981928e+01
                      AAPL
                                       0.45
                                                0.47
## 4445
         1984-10-26 ^IXIC
                            247.70
                                     247.40
                                              247.70
                                                      247.30
                                                                     0 5.487778e+04
## 4446
         1984-10-26
                      AAPL
                               0.44
                                       0.44
                                                0.45
                                                        0.44
                                                                512700 -9.982215e+01
## 4447
         1984-10-29 ^IXIC
                            247.00
                                     246.50
                                              247.00
                                                      246.40
                                                                        5.592273e+04
                                                                     0
         1984-10-29
                      AAPL
                               0.44
                                                0.44
                                                                226100 -9.982150e+01
## 4448
                                       0.44
                                                        0.44
         1984-10-30 ^IXIC
                            246.90
## 4449
                                     247.50
                                              247.50
                                                      246.90
                                                                     0 5.615000e+04
## 4450
         1984-10-30
                      AAPL
                               0.45
                                       0.45
                                                0.45
                                                        0.45
                                                                333000 -9.981818e+01
## 4451
         1984-10-31
                      AAPL
                               0.44
                                       0.44
                                                0.45
                                                        0.44
                                                                268900 -2.22222e+00
                            247.50
                                              247.60
## 4452
         1984-10-31 ^IXIC
                                     247.00
                                                      247.00
                                                                     0 5.603636e+04
                            247.10
                                              248.00
## 4453
         1984-11-01 ^IXIC
                                     248.00
                                                      247.10
                                                                     0 4.048583e-01
## 4454
         1984-11-01
                      AAPL
                               0.45
                                       0.45
                                                0.45
                                                        0.45
                                                                210000 -9.981855e+01
## 4455
         1984-11-02
                      AAPL
                               0.44
                                       0.44
                                                0.45
                                                         0.44
                                                                123600 -2.22222e+00
## 4456
         1984-11-02 ^IXIC
                            248.00
                                     248.00
                                              248.40
                                                      248.00
                                                                     0 5.626364e+04
## 4457
         1984-11-05 ^IXIC
                            247.80
                                     248.40
                                              248.40
                                                      247.60
                                                                     0
                                                                        1.612903e-01
## 4458
         1984-11-05
                      AAPL
                              0.44
                                       0.44
                                                0.45
                                                        0.44
                                                                470400 -9.982287e+01
                            249.20
                                              250.50
                                                      249.20
## 4459
         1984-11-06 ^IXIC
                                     250.50
                                                                     0
                                                                        5.683182e+04
## 4460
         1984-11-06
                      AAPL
                               0.47
                                       0.47
                                                0.47
                                                        0.47
                                                               1005900 -9.981238e+01
## 4461
         1984-11-07 ^IXIC
                            250.50
                                     249.80
                                              250.50
                                                      249.80
                                                                     0 5.304894e+04
## 4462
         1984-11-07 AAPL
                               0.46
                                       0.46
                                                0.47
                                                        0.46
                                                               1033700 -9.981585e+01
```

```
## 4463
         1984-11-08 AAPL
                               0.44
                                       0.44
                                                0.46
                                                         0.44
                                                                393400 -4.347826e+00
         1984-11-08 ^IXIC
                            249.40
                                              249.60
## 4464
                                     249.50
                                                      249.40
                                                                      0 5.660455e+04
                                                       249.50
                                                                         0.000000e+00
## 4465
         1984-11-09 ^IXIC
                             250.00
                                     249.50
                                              250.30
                                                                      0
                                                               1313100 -9.983166e+01
  4466
                      AAPL
                               0.42
                                       0.42
                                                0.44
                                                         0.41
         1984-11-09
  4467
         1984-11-12 ^IXIC
                             249.20
                                     249.30
                                              249.30
                                                       248.80
                                                                      0
                                                                         5.925714e+04
  4468
                               0.43
                                                0.43
                                                                505600 -9.982752e+01
##
         1984-11-12
                      AAPL
                                       0.43
                                                         0.43
                             249.30
                                              249.30
## 4469
         1984-11-13 ^IXIC
                                     247.80
                                                      247.80
                                                                      0
                                                                         5.752791e+04
                                                         0.42
## 4470
         1984-11-13
                      AAPL
                               0.42
                                       0.42
                                                0.44
                                                                565500 -9.983051e+01
## 4471
         1984-11-14 ^IXIC
                             247.20
                                     247.00
                                              247.20
                                                       246.80
                                                                         5.870952e+04
                                                                      0
## 4472
         1984-11-14
                      AAPL
                               0.42
                                       0.42
                                                0.43
                                                         0.42
                                                                465800 -9.982996e+01
## 4473
         1984-11-15 ^IXIC
                             246.50
                                     246.00
                                              246.50
                                                      246.00
                                                                      0
                                                                         5.847143e+04
## 4474
                      AAPL
                               0.42
                                                0.43
                                                         0.42
         1984-11-15
                                       0.42
                                                                475900 -9.982927e+01
## 4475
         1984-11-16
                     ^IXIC
                             246.10
                                     245.10
                                              246.10
                                                      245.10
                                                                      0
                                                                         5.825714e+04
                                                0.43
                                                         0.41
## 4476
         1984-11-16
                      AAPL
                               0.42
                                       0.42
                                                                740000 -9.982864e+01
## 4477
                      AAPL
                               0.39
                                       0.39
                                                0.42
                                                         0.39
                                                               1040100 -7.142857e+00
         1984-11-19
## 4478
         1984-11-19 ^IXIC
                             244.20
                                     242.90
                                              244.20
                                                       242.90
                                                                      0
                                                                         6.218205e+04
                             242.90
                                     243.20
                                              243.30
                                                       242.80
## 4479
         1984-11-20 ^IXIC
                                                                      0
                                                                         1.235076e-01
## 4480
         1984-11-20
                      AAPL
                               0.40
                                       0.40
                                                0.41
                                                         0.40
                                                               1175200 -9.983553e+01
         1984-11-21 ^IXIC
## 4481
                             242.70
                                              243.00
                                                      242.40
                                     243.00
                                                                         6.065000e+04
                                                                      0
## 4482
         1984-11-21
                      AAPL
                               0.41
                                       0.41
                                                0.42
                                                         0.41
                                                                797900 -9.983128e+01
## 4483
         1984-11-23 ^IXIC
                             244.20
                                     245.30
                                              245.30
                                                      244.20
                                                                      0
                                                                        5.972927e+04
## 4484
         1984-11-23
                               0.42
                                                0.43
                                                         0.42
                                                                612000 -9.982878e+01
                      AAPL
                                       0.42
         1984-11-26 ^IXIC
## 4485
                             245.80
                                              245.80
                                                      244.90
                                     244.90
                                                                      0
                                                                         5.820952e+04
                                                                449300 -9.982442e+01
## 4486
         1984-11-26
                      AAPL
                               0.43
                                       0.43
                                                0.43
                                                         0.43
## 4487
         1984-11-27 ^IXIC
                             244.60
                                     252.30
                                              252.30
                                                      244.60
                                                                      0
                                                                        5.857442e+04
## 4488
         1984-11-27
                      AAPL
                               0.44
                                       0.44
                                                0.44
                                                         0.44
                                                                568800 -9.982560e+01
## 4489
         1984-11-28
                      AAPL
                               0.46
                                       0.46
                                                0.47
                                                         0.46
                                                               1832700
                                                                        4.545455e+00
## 4490
         1984-11-28
                     ^IXIC
                             246.00
                                     250.70
                                              250.70
                                                      245.20
                                                                      0
                                                                         5.440000e+04
## 4491
                             244.30
                                     243.50
                                              244.30
                                                      243.50
                                                                      0 -2.871959e+00
         1984-11-29 ^IXIC
## 4492
         1984-11-29
                      AAPL
                               0.45
                                       0.45
                                                0.46
                                                         0.45
                                                                780700 -9.981520e+01
         1984-11-30 ^IXIC
## 4493
                             242.90
                                     242.40
                                              242.90
                                                      242.40
                                                                      0
                                                                         5.376667e+04
## 4494
         1984-11-30
                      AAPL
                               0.44
                                       0.44
                                                0.46
                                                         0.44
                                                                485300 -9.981848e+01
## 4495
         1984-12-03
                      AAPL
                               0.44
                                       0.44
                                                0.44
                                                         0.44
                                                                437500
                                                                         0.000000e+00
         1984-12-03 ^IXIC
                             241.90
                                              246.90
## 4496
                                     240.90
                                                      240.70
                                                                        5.465000e+04
                                                                      0
## 4497
         1984-12-04
                     ^IXIC
                             241.10
                                     240.80
                                              241.20
                                                      240.80
                                                                      0 -4.151100e-02
                                                         0.44
         1984-12-04
                               0.44
                                       0.44
                                                0.45
                                                                537400 -9.981728e+01
##
  4498
                      AAPL
## 4499
         1984-12-05 ^IXIC
                             240.30
                                     238.70
                                              240.30
                                                       238.70
                                                                      0
                                                                        5.415000e+04
## 4500
         1984-12-05
                      AAPL
                               0.47
                                       0.47
                                                0.47
                                                         0.47
                                                               1173700 -9.980310e+01
## 4501
         1984-12-06 ^IXIC
                             238.40
                                     238.90
                                              239.00
                                                       238.40
                                                                         5.072979e+04
                                                                      0
         1984-12-06
                      AAPL
                               0.49
                                                0.49
                                                               1416400 -9.979489e+01
## 4502
                                       0.49
                                                         0.49
         1984-12-07 ^IXIC
                             239.60
                                              239.60
  4503
                                     239.30
                                                      239.30
                                                                      0 4.873673e+04
## 4504
         1984-12-07
                      AAPL
                               0.49
                                       0.49
                                                0.51
                                                         0.48
                                                               2207700 -9.979524e+01
  4505
         1984-12-10 ^IXIC
                             238.20
                                     250.20
                                              250.20
                                                      237.70
                                                                      0
                                                                         5.096122e+04
  4506
         1984-12-10
                               0.48
                                       0.48
                                                0.49
                                                         0.48
                                                                497700 -9.980815e+01
##
                      AAPL
                                                         0.47
## 4507
         1984-12-11
                      AAPL
                               0.47
                                       0.47
                                                0.48
                                                                552600 -2.083333e+00
         1984-12-11 ^IXIC
## 4508
                             238.60
                                     238.80
                                              238.80
                                                      238.50
                                                                      0 5.070851e+04
## 4509
         1984-12-12
                      AAPL
                               0.46
                                       0.46
                                                0.47
                                                         0.46
                                                                491400 -9.980737e+01
## 4510
         1984-12-12 ^IXIC
                             238.90
                                     238.50
                                              238.90
                                                       238.40
                                                                      0 5.174783e+04
## 4511
         1984-12-13 ^IXIC
                             238.10
                                     238.10
                                              238.40
                                                       238.10
                                                                      0 -1.677149e-01
## 4512
         1984-12-13
                      AAPL
                               0.46
                                       0.46
                                                0.47
                                                         0.46
                                                                298400 -9.980680e+01
                             238.00
## 4513
         1984-12-14 ^IXIC
                                     239.00
                                              239.00
                                                       238.00
                                                                      0
                                                                         5.185652e+04
## 4514
         1984-12-14
                      AAPL
                               0.47
                                       0.47
                                                0.48
                                                         0.46
                                                                429200 -9.980335e+01
         1984-12-17 ^IXIC
## 4515
                             238.70
                                     238.50
                                              238.70
                                                      238.30
                                                                      0 5.064468e+04
## 4516
         1984-12-17 AAPL
                               0.48
                                       0.48
                                                0.49
                                                         0.48
                                                                559100 -9.979874e+01
```

```
## 4517
         1984-12-18 ^IXIC
                            240.40
                                     243.30
                                             243.30
                                                      240.40
                                                                     0 5.058750e+04
                      AAPL
                               0.51
                                                0.51
## 4518
         1984-12-18
                                       0.51
                                                        0.51
                                                               1520400 -9.979038e+01
                            245.30
                                     245.40
                                             245.40
                                                      244.90
                                                                     0 4.801765e+04
## 4519
         1984-12-19 ^IXIC
## 4520
         1984-12-19
                      AAPL
                              0.49
                                       0.49
                                                0.51
                                                        0.49
                                                               1417400 -9.980033e+01
## 4521
         1984-12-20
                     ^IXIC
                            244.90
                                     244.50
                                             244.90
                                                      244.40
                                                                     0
                                                                        4.979796e+04
## 4522
                               0.49
                                                0.50
                                                                624300 -9.979959e+01
         1984-12-20
                      AAPL
                                       0.49
                                                        0.49
## 4523
         1984-12-21 ^IXIC
                            244.30
                                     244.80
                                             244.80
                                                      243.70
                                                                     0 4.985918e+04
                                                        0.48
## 4524
         1984-12-21
                      AAPL
                               0.48
                                       0.48
                                                0.49
                                                                553100 -9.980392e+01
## 4525
         1984-12-24 ^IXIC
                            245.10
                                     245.80
                                             245.80
                                                      245.10
                                                                     0
                                                                        5.110833e+04
## 4526
         1984-12-24
                      AAPL
                               0.49
                                       0.49
                                                0.49
                                                        0.49
                                                                301500 -9.980065e+01
## 4527
         1984-12-26
                      AAPL
                               0.49
                                       0.49
                                                0.50
                                                        0.49
                                                                299900
                                                                        0.000000e+00
                     ^IXIC
## 4528
                            246.00
                                     246.60
                                             246.60
                                                      245.80
         1984-12-26
                                                                     0
                                                                        5.022653e+04
  4529
         1984-12-27 ^IXIC
                            246.10
                                     245.40
                                             246.10
                                                      245.40
                                                                     0 -4.866180e-01
         1984-12-27
                               0.50
                                                0.50
                                                        0.50
## 4530
                      AAPL
                                       0.50
                                                                440900 -9.979625e+01
                      AAPL
## 4531
         1984-12-28
                               0.51
                                       0.51
                                                0.52
                                                        0.49
                                                                738100 2.000000e+00
## 4532
         1984-12-28 ^IXIC
                            245.30
                                     245.90
                                             245.90
                                                      245.30
                                                                        4.811569e+04
                                                                     0
                               0.52
                                                0.52
                                                        0.52
## 4533
         1984-12-31
                      AAPL
                                       0.52
                                                                927500 -9.978853e+01
## 4534
         1984-12-31 ^IXIC
                            246.20
                                     247.10
                                             247.10
                                                      246.20
                                                                     0 4.741923e+04
## 4535
                      AAPL
                              0.50
                                                                782600 -9.979765e+01
         1985-01-02
                                       0.50
                                                0.52
                                                        0.50
## 4536
         1985-01-02 ^IXIC
                            247.10
                                     245.90
                                             247.10
                                                      245.90
                                                                     0
                                                                        4.908000e+04
##
  4537
         1985-01-03
                      AAPL
                               0.51
                                       0.51
                                                0.52
                                                        0.51
                                                                743800 -9.979260e+01
  4538
         1985-01-03 ^IXIC
                            246.00
                                     246.40
                                             246.70
                                                      246.00
                                                                       4.821373e+04
                                                                     0
         1985-01-04 ^IXIC
## 4539
                            246.10
                                     246.10
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                                                                     0 4.839020e+04
## 4547
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                                                        0.54
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                                                                847700 -9.979247e+01
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## 4561
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                                                0.53
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                                                                     0
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## 4564
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                                             269.00
                                                      268.40
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## 4565
         1985-01-23
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                                                                     Ω
                                                                        8.569300e-01
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         1985-01-24 ^IXIC
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## 4569
         1985-01-25 ^IXIC
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                                             274.00
                                                      272.50
                                                                     0 6.243114e-01
## 4570
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                                       0.53
                                                0.53
                                                        0.51 1421700 -9.980657e+01
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                                     275.00
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                                                0.55
## 4572
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## 4573
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         1985-01-29 ^IXIC
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                                                0.54
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                                                                      0
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## 4578
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                                                       278.20
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   4579
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                                     278.40
                                              278.50
                                                       277.90
                                                                      0 -1.076426e-01
                               0.51
                                                0.52
  4580
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                                                0.52
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                                                                         1.960784e+00
                     ^IXIC
## 4582
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                                                       278.80
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                                                0.54
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                                                                         5.322075e+04
##
         1985-02-05
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                                     282.60
                                              282.70
                                                       281.80
                                                                      0
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         1985-02-06 ^IXIC
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                                              284.70
                                                       283.80
                                                                      0
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         1985-02-06
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                                                0.54
                                                         0.54
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                                     287.10
                                              287.10
                                                       285.50
##
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         1985-02-07 ^IXIC
                                                                      0
                                                                         5.306667e+04
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##
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                                              288.40
##
                                                       287.70
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## 4601
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##
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                                              287.60
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         1985-02-21
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                                     287.00
                                              287.20
                                                       286.90
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                                                0.48
                                                         0.48
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##
   4606
                      AAPL
   4607
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##
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##
  4610
                     ^TXTC
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                                              285.00
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##
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## 4615
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## 4616
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                                                0.44
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## 4620
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                                                       287.00
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                                     287.10
                                              287.50
                                                       286.60
                                                                      0
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##
  4621
## 4622
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                                                0.46
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         1985-03-06
                     AAPL
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                                        0.44
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## 4625
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                                     283.20
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                                                0.44
## 4626
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## 4627
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                                                      282.20
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##
##
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## 4632
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##
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##
  4634
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                     ^IXIC
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                                                      276.90
##
         1985-03-14
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##
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##
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                                                      277.10
##
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##
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##
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                                                      276.10
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##
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##
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##
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                                              278.60
                                                      277.60
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                                              279.20
                                                      278.20
                                                                      0
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   4658
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                                                0.40
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                                     280.30
                                              280.40
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                               0.39
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##
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                                                                      0 7.350526e+04
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                                              279.80
##
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                             277.40
                                     277.40
                                              278.00
                                                      276.80
                                                                      0 -1.799208e-01
   4666
         1985-04-04
                      AAPL
                               0.37
                                                0.38
                                                                722600 -9.986662e+01
##
                                       0.37
                                                        0.37
##
   4667
         1985-04-08
                     ^IXIC
                             277.00
                                     276.50
                                              277.90
                                                      276.30
                                                                      0
                                                                        7.462973e+04
                               0.35
                                                0.38
   4668
         1985-04-08
                                       0.35
                                                        0.35
                                                                887200 -9.987342e+01
##
                      AAPL
  4669
         1985-04-09 ^IXIC
                             276.40
                                     276.60
                                              276.80
                                                      276.20
                                                                      0 7.892857e+04
## 4670
         1985-04-09
                      AAPL
                               0.35
                                       0.35
                                                0.35
                                                        0.35
                                                               1178100 -9.987346e+01
## 4671
         1985-04-10 ^IXIC
                             277.70
                                     278.80
                                              279.00
                                                      276.60
                                                                      0 7.955714e+04
                               0.38
## 4672
         1985-04-10
                      AAPL
                                       0.38
                                                0.38
                                                        0.38
                                                               1013000 -9.986370e+01
## 4673
                                     280.10
         1985-04-11 ^IXIC
                             280.10
                                              280.70
                                                      278.80
                                                                     0 7.361053e+04
## 4674
         1985-04-11
                      AAPL
                               0.38
                                       0.38
                                                0.39
                                                        0.38
                                                                654800 -9.986433e+01
                      AAPL
                               0.37
                                                                323800 -2.631579e+00
## 4675
         1985-04-12
                                       0.37
                                                0.38
                                                        0.37
## 4676
         1985-04-12 ^IXIC
                             280.40
                                     280.60
                                              280.70
                                                      280.10
                                                                     0 7.573784e+04
## 4677
         1985-04-15 ^IXIC
                             280.70
                                     281.10
                                              281.20
                                                      280.60
                                                                     0 1.781896e-01
## 4678
         1985-04-15 AAPL
                               0.38
                                       0.38
                                                0.39
                                                        0.38
                                                                267100 -9.986482e+01
```

```
## 4679
         1985-04-16 AAPL
                              0.39
                                      0.39
                                               0.39
                                                       0.39
                                                               302000 2.631579e+00
         1985-04-16 ^IXIC
                                    282.30
                                             282.30
                                                     281.10
## 4680
                            281.60
                                                                    0 7.228462e+04
         1985-04-17
                                      0.40
                                               0.41
                                                       0.40
## 4681
                      AAPL
                              0.40
                                                               550200 -9.985831e+01
## 4682
         1985-04-17 ^IXIC
                            282.90
                                    283.30
                                             283.40
                                                     282.30
                                                                    0 7.072500e+04
  4683
         1985-04-18
                      AAPL
                              0.41
                                      0.41
                                               0.41
                                                       0.41
                                                               903700 -9.985528e+01
                            283.90
                                             284.00
                                                     283.00
                                                                    0 6.894878e+04
##
  4684
         1985-04-18 ^IXIC
                                    283.10
  4685
         1985-04-19
                      AAPL
                              0.40
                                      0.40
                                               0.41
                                                       0.40
                                                               428700 -9.985871e+01
         1985-04-19 ^IXIC
                            282.70
## 4686
                                    282.80
                                             283.10
                                                     282.30
                                                                    0 7.060000e+04
## 4687
         1985-04-22 ^IXIC
                            282.40
                                    281.80
                                             282.80
                                                     281.20
                                                                    0 -3.536068e-01
                              0.39
                                                               458000 -9.986160e+01
## 4688
         1985-04-22
                      AAPL
                                      0.39
                                               0.40
                                                       0.39
## 4689
         1985-04-23
                      AAPL
                              0.40
                                      0.40
                                               0.40
                                                       0.40
                                                               528100 2.564103e+00
                     ^IXIC
## 4690
         1985-04-23
                            281.40
                                    282.60
                                             282.60
                                                     281.30
                                                                    0 7.055000e+04
##
  4691
         1985-04-24
                      AAPL
                              0.39
                                      0.39
                                               0.40
                                                       0.39
                                                               352400 -9.986200e+01
## 4692
         1985-04-24
                     ^IXIC
                            283.10
                                    283.10
                                             283.40
                                                     282.60
                                                                0 7.248974e+04
## 4693
         1985-04-25
                      AAPL
                              0.39
                                      0.39
                                               0.40
                                                       0.39
                                                               391200 -9.986224e+01
## 4694
         1985-04-25
                    ^IXIC
                            283.10
                                     284.00
                                             284.00
                                                     282.90
                                                                    0 7.272051e+04
                            284.70
                                    284.10
                                             284.80
                                                     284.00
                                                                    0 3.521127e-02
##
  4695
         1985-04-26
                    ^IXIC
## 4696
         1985-04-26
                      AAPL
                              0.39
                                      0.39
                                               0.40
                                                       0.39
                                                               534400 -9.986272e+01
                      AAPL
                                      0.38
                                                       0.38
                                                               277700 -2.564103e+00
## 4697
         1985-04-29
                              0.38
                                               0.39
## 4698
         1985-04-29
                    ^IXIC
                            283.60
                                    282.10
                                             284.10
                                                     282.00
                                                                  0 7.413684e+04
## 4699
         1985-04-30 ^IXIC
                            281.10
                                    280.60
                                             282.10
                                                     279.80
                                                                    0 -5.317263e-01
## 4700
         1985-04-30
                              0.38
                                      0.38
                                               0.38
                                                       0.38
                                                               422900 -9.986458e+01
                      AAPL
                     AAPL
## 4701
                                                       0.37
                                                               256000 -2.631579e+00
         1985-05-01
                              0.37
                                      0.37
                                               0.38
                            280.50
                                    279.60
## 4702
         1985-05-01 ^IXIC
                                             280.70
                                                     279.50
                                                                    0 7.546757e+04
                            279.30
                                             279.60
## 4703
         1985-05-02 ^IXIC
                                    279.00
                                                     278.80
                                                                    0 -2.145923e-01
## 4704
         1985-05-02
                      AAPL
                              0.34
                                      0.34
                                               0.37
                                                       0.34
                                                              1472200 -9.987814e+01
## 4705
         1985-05-03
                      AAPL
                              0.36
                                      0.36
                                               0.36
                                                               705900 5.882353e+00
                                                       0.34
## 4706
         1985-05-03 ^IXIC
                            279.30
                                    280.30
                                             280.30
                                                     279.00
                                                                   0 7.776111e+04
## 4707
         1985-05-06
                              0.35
                                      0.35
                                               0.36
                                                       0.35
                                                               250600 -9.987513e+01
                      AAPL
## 4708
         1985-05-06 ^IXIC
                            280.40
                                    279.90
                                             280.50
                                                     279.70
                                                                   0 7.987143e+04
## 4709
         1985-05-07
                      AAPL
                              0.36
                                      0.36
                                               0.36
                                                       0.36
                                                               480400 -9.987138e+01
## 4710
         1985-05-07 ^IXIC
                            280.20
                                    280.90
                                             281.10
                                                     279.90
                                                                   0 7.792778e+04
## 4711
         1985-05-08
                      AAPL
                              0.35
                                      0.35
                                               0.35
                                                       0.35
                                                               644600 -9.987540e+01
                            280.90
## 4712
         1985-05-08 ^IXIC
                                                     280.50
                                    281.10
                                             281.10
                                                                    0 8.021429e+04
## 4713
         1985-05-09 ^IXIC
                            281.90
                                     283.30
                                             283.30
                                                     281.00
                                                                       7.826396e-01
                                                                    0
## 4714
         1985-05-09
                              0.36
                                      0.36
                                               0.36
                                                       0.36
                                                               567300 -9.987293e+01
                     AAPL
## 4715
         1985-05-10 ^IXIC
                            285.30
                                    287.50
                                             287.50
                                                     283.30
                                                                   0 7.976111e+04
## 4716
         1985-05-10
                     AAPL
                              0.36
                                      0.36
                                               0.37
                                                       0.36
                                                               607500 -9.987478e+01
         1985-05-13
                      AAPL
                              0.36
                                      0.36
                                               0.36
                                                       0.36
                                                               389400 0.000000e+00
## 4717
         1985-05-13 ^IXIC
                            288.00
                                    288.10
                                             288.20
                                                                    0 7.992778e+04
## 4718
                                                     287.50
         1985-05-14 ^IXIC
## 4719
                            288.40
                                    287.70
                                             288.60
                                                     287.10
                                                                    0 -1.388407e-01
## 4720
         1985-05-14
                      AAPL
                              0.35
                                               0.36
                                                               543500 -9.987835e+01
                                      0.35
                                                       0.35
## 4721
         1985-05-15
                      AAPL
                              0.36
                                      0.36
                                               0.36
                                                       0.36
                                                               582300 2.857143e+00
## 4722
         1985-05-15 ^IXIC
                            287.80
                                    288.50
                                             289.00
                                                     287.60
                                                                   0 8.003889e+04
## 4723
         1985-05-16
                      AAPL
                              0.38
                                      0.38
                                               0.39
                                                       0.38
                                                              1029200 -9.986828e+01
         1985-05-16 ^IXIC
                                                                   0 7.616316e+04
## 4724
                            288.70
                                    289.80
                                             289.80
                                                     288.30
## 4725
         1985-05-17 ^IXIC
                            290.10
                                    291.70
                                             291.70
                                                     289.70
                                                                    0 6.556246e-01
                              0.39
                                                       0.38
## 4726
         1985-05-17
                      AAPL
                                      0.39
                                               0.40
                                                               945800 -9.986630e+01
## 4727
         1985-05-20 ^IXIC
                            294.00
                                    294.50
                                             294.70
                                                     294.00
                                                                    0 7.541282e+04
## 4728
         1985-05-20
                      AAPL
                              0.38
                                      0.38
                                               0.40
                                                       0.38
                                                               880300 -9.987097e+01
         1985-05-21 ^IXIC
                            293.90
                                    293.90
                                                     293.80
## 4729
                                             294.80
                                                                    0 7.724211e+04
## 4730
         1985-05-21
                      AAPL
                              0.37
                                      0.37
                                               0.38
                                                       0.37
                                                               681000 -9.987411e+01
## 4731
         1985-05-22 AAPL
                              0.37
                                      0.37
                                               0.37
                                                       0.37
                                                               538200 0.000000e+00
## 4732
         1985-05-22 ^IXIC
                           293.30
                                    293.00
                                             294.20
                                                     292.60
                                                               0 7.908919e+04
```

```
## 4733
         1985-05-23 ^IXIC
                             292.90
                                     292.20
                                              293.10
                                                      291.90
                                                                      0 -2.730375e-01
## 4734
                               0.35
                                        0.35
                                                0.37
         1985-05-23
                      AAPL
                                                         0.35
                                                               1067700 -9.988022e+01
                               0.32
                                        0.32
                                                0.35
                                                         0.32
## 4735
         1985-05-24
                      AAPL
                                                               2631600 -8.571429e+00
                     ^IXIC
                                                                         9.118125e+04
## 4736
         1985-05-24
                             291.80
                                     292.10
                                              292.20
                                                       291.60
                                                                      0
## 4737
         1985-05-28
                     ^IXIC
                             292.10
                                      290.90
                                              292.60
                                                       290.70
                                                                      0 -4.108182e-01
## 4738
         1985-05-28
                               0.30
                                        0.30
                                                0.32
                                                               2281100 -9.989687e+01
                      AAPL
                                                         0.30
                             290.70
                                              291.00
## 4739
         1985-05-29 ^IXIC
                                     290.60
                                                       290.30
                                                                      0
                                                                         9.676667e+04
## 4740
         1985-05-29
                      AAPL
                               0.31
                                        0.31
                                                0.31
                                                         0.31
                                                               1100700 -9.989332e+01
## 4741
         1985-05-30 ^IXIC
                             290.60
                                     289.90
                                              290.90
                                                       289.50
                                                                      0
                                                                         9.341613e+04
                                                               1405900 -9.989307e+01
## 4742
         1985-05-30
                      AAPL
                               0.31
                                        0.31
                                                0.32
                                                         0.31
## 4743
         1985-05-31 ^IXIC
                             289.90
                                     290.80
                                              290.80
                                                       289.80
                                                                      0
                                                                         9.370645e+04
## 4744
         1985-05-31
                      AAPL
                               0.31
                                                0.32
                                        0.31
                                                         0.31
                                                               1649200 -9.989340e+01
## 4745
         1985-06-03
                     ^IXIC
                             291.40
                                     290.60
                                              291.80
                                                       290.40
                                                                         9.364194e+04
                                                                      0
## 4746
         1985-06-03
                      AAPL
                               0.29
                                        0.29
                                                0.30
                                                         0.29
                                                               2571500 -9.990021e+01
## 4747
         1985-06-04
                     ^IXIC
                             290.30
                                     291.00
                                              291.10
                                                       290.10
                                                                         1.002448e+05
                                                                      0
## 4748
         1985-06-04
                      AAPL
                               0.31
                                        0.31
                                                0.31
                                                         0.31
                                                               1794300 -9.989347e+01
                             291.70
                                     291.80
                                              291.90
                                                      291.00
## 4749
         1985-06-05
                     ^IXIC
                                                                      0
                                                                         9.402903e+04
## 4750
         1985-06-05
                      AAPL
                               0.30
                                        0.30
                                                0.32
                                                         0.30
                                                               1278600 -9.989719e+01
## 4751
                               0.30
                                                0.30
                                                               1210700
         1985-06-06
                      AAPL
                                        0.30
                                                         0.30
                                                                         0.000000e+00
## 4752
         1985-06-06
                     ^IXIC
                             291.10
                                     291.90
                                              291.90
                                                       290.90
                                                                      0
                                                                         9.720000e+04
                                                               2121600 -9.990065e+01
## 4753
         1985-06-07
                      AAPL
                               0.29
                                        0.29
                                                0.30
                                                         0.29
## 4754
         1985-06-07 ^IXIC
                             291.90
                                     291.00
                                              292.20
                                                       290.90
                                                                         1.002448e+05
                                                                      0
                      AAPL
## 4755
                               0.29
                                        0.29
                                                0.29
                                                         0.29
                                                               1411300 -9.990034e+01
         1985-06-10
                             290.50
                                     290.70
                                              291.10
                                                       290.10
## 4756
         1985-06-10 ^IXIC
                                                                      0
                                                                         1.001414e+05
                               0.29
                                        0.29
                                                0.29
## 4757
         1985-06-11
                      AAPL
                                                         0.29
                                                               1342500 -9.990024e+01
## 4758
         1985-06-11 ^IXIC
                             291.30
                                     290.50
                                              291.40
                                                       290.30
                                                                      0
                                                                         1.000724e+05
## 4759
         1985-06-12
                      AAPL
                               0.28
                                        0.28
                                                0.29
                                                         0.28
                                                               1107100 -9.990361e+01
## 4760
         1985-06-12
                     ^IXIC
                             290.10
                                     289.70
                                              290.70
                                                       289.60
                                                                      0
                                                                         1.033643e+05
## 4761
         1985-06-13 ^IXIC
                             288.80
                                     286.90
                                              289.70
                                                       286.70
                                                                      0 -9.665171e-01
## 4762
         1985-06-13
                      AAPL
                               0.27
                                        0.27
                                                0.28
                                                         0.27
                                                               1694300 -9.990589e+01
         1985-06-14 ^IXIC
## 4763
                             286.90
                                     288.00
                                              288.00
                                                       286.80
                                                                      0
                                                                         1.065667e+05
## 4764
         1985-06-14
                      AAPL
                               0.26
                                        0.26
                                                0.28
                                                         0.26
                                                               2525300 -9.990972e+01
## 4765
         1985-06-17
                      AAPL
                               0.27
                                        0.27
                                                0.27
                                                         0.27
                                                               1055100
                                                                         3.846154e+00
## 4766
                     ^IXIC
                             287.50
                                              288.10
         1985-06-17
                                     287.40
                                                       286.90
                                                                      0
                                                                         1.063444e+05
## 4767
         1985-06-18
                     ^IXIC
                             287.90
                                      287.90
                                              288.10
                                                       287.30
                                                                      0
                                                                         1.739736e-01
## 4768
                               0.27
                                                0.28
                                                               1184000 -9.990622e+01
         1985-06-18
                      AAPL
                                        0.27
                                                         0.27
## 4769
         1985-06-19 ^IXIC
                             288.30
                                      288.20
                                              288.70
                                                       287.90
                                                                      0
                                                                         1.066407e+05
## 4770
         1985-06-19
                      AAPL
                               0.28
                                        0.28
                                                0.28
                                                         0.28
                                                                 767800 -9.990285e+01
         1985-06-20 ^IXIC
                             287.80
                                     287.40
                                              288.30
                                                       287.00
                                                                         1.025429e+05
## 4771
                                                                      0
         1985-06-20
                      AAPL
                               0.28
                                                0.28
                                                         0.28
                                                                851800 -9.990257e+01
## 4772
                                        0.28
         1985-06-21 ^IXIC
                             287.50
                                                       287.20
## 4773
                                     288.70
                                              288.70
                                                                      0
                                                                         1.030071e+05
## 4774
         1985-06-21
                      AAPL
                               0.29
                                        0.29
                                                0.29
                                                         0.29
                                                                741700 -9.989955e+01
## 4775
         1985-06-24
                     ^IXIC
                             288.40
                                     290.00
                                              290.10
                                                       288.20
                                                                      0
                                                                         9.990000e+04
                                                                 918600 -9.989310e+01
## 4776
         1985-06-24
                               0.31
                                                0.31
                                                         0.31
                      AAPL
                                        0.31
         1985-06-25
                     ^IXIC
## 4777
                             291.10
                                     292.30
                                              292.80
                                                       290.00
                                                                      0
                                                                         9.419032e+04
## 4778
                               0.31
         1985-06-25
                      AAPL
                                        0.31
                                                0.32
                                                         0.31
                                                               1312100 -9.989394e+01
## 4779
         1985-06-26
                      AAPL
                               0.32
                                        0.32
                                                0.32
                                                         0.32
                                                                 590200
                                                                         3.225806e+00
## 4780
         1985-06-26 ^IXIC
                             293.00
                                     293.40
                                              293.40
                                                       292.30
                                                                      0
                                                                         9.158750e+04
         1985-06-27
## 4781
                      AAPL
                               0.33
                                        0.33
                                                0.33
                                                         0.33
                                                                 859200 -9.988753e+01
## 4782
         1985-06-27
                     ^IXIC
                             294.40
                                      295.30
                                              295.40
                                                       293.40
                                                                      0
                                                                         8.938485e+04
## 4783
                             295.60
                                     296.20
                                              296.20
                                                       295.30
                                                                      0
         1985-06-28 ^IXIC
                                                                         3.047748e-01
## 4784
         1985-06-28
                      AAPL
                               0.32
                                        0.32
                                                0.33
                                                         0.32
                                                                 606000 -9.989196e+01
## 4785
         1985-07-01 ^IXIC
                             295.90
                                     296.50
                                              296.50
                                                      295.50
                                                                      0
                                                                         9.255625e+04
## 4786
         1985-07-01 AAPL
                               0.32
                                        0.32
                                                0.33
                                                         0.32
                                                                 461800 -9.989207e+01
```

```
## 4787
         1985-07-02 ^IXIC
                             297.00
                                      296.90
                                              297.30
                                                       296.40
                                                                      0 9.268125e+04
                                                                 347000 -9.989559e+01
                               0.31
                                                0.33
## 4788
         1985-07-02
                      AAPL
                                        0.31
                                                         0.31
                                              297.40
## 4789
         1985-07-03 ^IXIC
                             297.00
                                      297.30
                                                       296.80
                                                                      0
                                                                         9.580323e+04
## 4790
         1985-07-03
                      AAPL
                               0.31
                                        0.31
                                                0.31
                                                         0.31
                                                                 305800 -9.989573e+01
  4791
         1985-07-05
                      AAPL
                               0.31
                                        0.31
                                                0.32
                                                         0.31
                                                                 163300
                                                                         0.000000e+00
##
  4792
         1985-07-05
                     ^IXIC
                             297.80
                                      298.60
                                              298.70
                                                       297.30
                                                                      0
                                                                         9.622258e+04
## 4793
         1985-07-08 ^IXIC
                             298.30
                                      297.80
                                              298.70
                                                       297.50
                                                                      0 -2.679169e-01
## 4794
         1985-07-08
                      AAPL
                               0.31
                                        0.31
                                                0.32
                                                         0.31
                                                                 411700 -9.989590e+01
## 4795
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                                      297.20
                                              298.00
                                                       296.70
                                                                      0
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                                                                 660300 -9.989569e+01
## 4796
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                                        0.31
                                                0.32
                                                         0.31
## 4797
         1985-07-10 ^IXIC
                             297.60
                                      298.50
                                              298.50
                                                       297.10
                                                                      0
                                                                         9.619032e+04
## 4798
                      AAPL
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         1985-07-10
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                                                                 473400 -9.989280e+01
##
  4799
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                                        0.32
                                                0.32
                                                         0.32
                                                                 289700
                                                                         0.000000e+00
                                                       298.50
                                                                         9.380625e+04
##
   4800
         1985-07-11 ^IXIC
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                                              300.50
                                                                      0
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         1985-07-12
                               0.32
                                                0.32
                                                         0.32
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##
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                             302.00
                                      303.00
                                              303.20
                                                       301.80
##
   4803
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                                                0.33
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##
         1985-07-16
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                                                                      0
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                                      307.80
                                              307.90
                                                       305.20
                                                                      0
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                                                                 527600 -9.989929e+01
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                                        0.31
         1985-07-18 ^IXIC
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                                              307.90
                                                                         9.890000e+04
##
                                      306.90
                                                       306.70
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   4810
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## 4811
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                                                                 513000 0.000000e+00
         1985-07-19
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                                                         0.31
  4812
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                                              307.80
                                                       306.70
                                                                      0
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##
                                                         0.30
##
   4814
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                                      306.80
                                              307.80
                                                       306.30
                                                                      0
                                                                         1.021667e+05
   4815
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##
                      AAPL
                                        0.29
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                                                                         1.054862e+05
## 4817
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                                        0.29
                                                0.30
                                                         0.29
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##
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                                      303.70
                                              305.40
                                                       302.90
                                                                      0
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                     ^IXIC
                             303.70
                                      304.40
                                              304.60
                                                       303.60
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                                                                         2.304906e-01
                                                0.30
  4820
                      AAPL
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##
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   4821
         1985-07-26
                               0.30
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                                                0.30
                                                         0.30
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                                                                         0.000000e+00
                      AAPL
  4822
##
         1985-07-26
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                                              304.60
                                                       304.20
                                                                      0
                                                                         1.014333e+05
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                                                0.30
                                                         0.29
                                                                 347100 -9.990479e+01
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                                              304.70
                                                       300.90
                                                                         1.036586e+05
##
                                                                      0
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                                              300.90
                                                       300.10
                                                                      0 -9.970090e-02
                      AAPL
                               0.29
                                                0.29
                                                                 399400 -9.990353e+01
##
  4826
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                                        0.29
                                                         0.29
         1985-07-31 ^IXIC
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                                                       300.10
   4827
                                      301.30
                                              301.30
                                                                      0
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                                                0.29
                                                         0.28
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##
##
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                     ^IXIC
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                                                       301.20
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##
   4830
         1985-08-01
                               0.28
                                                0.29
                                                         0.28
                                                                 230200 -9.990789e+01
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## 4831
         1985-08-02 ^IXIC
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                                                                      0 1.086500e+05
                               0.28
                                                0.28
## 4832
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                                                                 434900 -9.990805e+01
##
  4833
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                                        0.27
                                                0.28
                                                         0.27
                                                                 412200 -3.571429e+00
## 4834
         1985-08-05 ^IXIC
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                                      302.10
                                              304.50
                                                       301.80
                                                                      0 1.117889e+05
  4835
         1985-08-06
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                                        0.27
                                                0.28
                                                         0.27
                                                                 281600 -9.991063e+01
##
   4836
         1985-08-06
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                                              302.40
                                                       300.20
                                                                         1.110852e+05
                             298.60
                                      298.20
                                              300.20
##
   4837
         1985-08-07 ^IXIC
                                                       298.00
                                                                      0 -6.662225e-01
  4838
         1985-08-07
                      AAPL
                               0.27
                                        0.27
                                                0.29
                                                         0.27
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## 4839
         1985-08-08 ^IXIC
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                                      298.70
                                              298.70
                                                       297.80
                                                                      0 1.105296e+05
## 4840
         1985-08-08
                      AAPL
                               0.27
                                        0.27
                                                0.27
                                                         0.27
                                                                 659700 -9.990961e+01
```

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## 4841
         1985-08-09 ^IXIC
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                                      299.10
                                              299.20
                                                       298.60
                                                                       0 1.106778e+05
## 4842
                                                 0.27
         1985-08-09
                      AAPL
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                                        0.27
                                                         0.27
                                                                 272100 -9.990973e+01
## 4843
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                                              299.30
                                                       298.30
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  4844
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                                                 0.27
                                                         0.27
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##
         1985-08-12
##
   4845
         1985-08-13
                     ^IXIC
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                                      297.00
                                              298.40
                                                       296.80
                                                                       0
                                                                          1.099000e+05
                               0.27
                                                 0.28
                                                                 189200 -9.990909e+01
##
   4846
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                                                         0.27
  4847
         1985-08-14
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                                        0.26
                                                 0.27
                                                          0.26
                                                                1294200 -3.703704e+00
         1985-08-14 ^IXIC
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                                                       296.90
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         1985-08-15
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                                      297.60
                                              298.30
                                                       297.30
                                                                       0
                                                                          0.000000e+00
##
   4850
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                               0.26
                                        0.26
                                                 0.26
                                                         0.26
                                                                 469600 -9.991263e+01
   4851
         1985-08-16
                     ^IXIC
                             297.00
                                      296.50
                                              297.70
                                                       296.40
                                                                       0
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   4852
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                                        0.26
                                                 0.27
                                                         0.26
##
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##
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                                                                          3.846154e+00
                     ^IXIC
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                                      296.40
                                               296.40
                                                       295.60
                                                                       0
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##
##
   4856
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                                        0.27
                                                 0.27
                                                         0.27
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                                                                 343800
##
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                                                       296.40
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   4859
                      AAPL
##
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##
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                                                                       0
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##
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                                                 0.27
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                     ^IXIC
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                                              296.90
                                      296.70
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                                                                       0
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                     ^IXIC
                             296.20
                                      296.30
                                              296.80
                                                       296.00
##
   4863
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##
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                                                 0.27
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                                                       295.60
##
  4865
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         1985-08-27
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                                        0.27
                                                 0.27
                                                         0.27
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   4867
         1985-08-28
                     ^IXIC
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                                      297.00
                                              297.00
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##
                                                                       0
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##
   4868
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                                                 0.27
                                                         0.27
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   4869
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                                              297.30
                                                       296.90
##
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                                      297.30
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                                        0.27
                                                 0.27
                                                         0.27
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                     ^IXIC
## 4871
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                                      297.70
                                              297.70
                                                       297.00
                                                                       0
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##
   4872
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         1985-09-03
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                                              297.70
                                                       296.20
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                                                                       0
  4874
                                                 0.27
                               0.26
                                                         0.26
##
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   4875
         1985-09-04
                      `IXIC
                             296.30
                                      295.60
                                               296.70
                                                       295.40
                                                                          1.135923e+05
                                                                       0
                               0.27
                                                 0.27
                                                                 212300 -9.990866e+01
##
   4876
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                                        0.27
                                                         0.27
##
  4877
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                                        0.27
                                                 0.27
                                                          0.27
                                                                 146500
                                                                          0.000000e+00
  4878
         1985-09-05 ^IXIC
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                                      295.30
                                              295.70
                                                       295.00
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##
                                                                       0
   4879
                       AAPL
                               0.27
                                                 0.27
                                                          0.27
                                                                 414300 -9.990857e+01
         1985-09-06
                                        0.27
                             295.50
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                                              296.20
                                                       295.30
##
  4880
         1985-09-06 ^IXIC
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   4881
         1985-09-09
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                                        0.27
                                                 0.27
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         1985-09-09 ^IXIC
   4882
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                                      296.10
                                              296.30
                                                       295.60
##
                                                                       0
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##
   4883
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                                        0.27
                                                 0.28
                                                         0.27
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##
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                                                       294.30
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                                        0.28
                                                 0.28
                                                         0.28
                                                                 388800 -9.990492e+01
                     ^IXIC
  4886
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                                      291.40
                                              294.50
                                                       291.10
##
         1985-09-11
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##
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                                        0.29
                                                 0.29
                                                          0.29
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##
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                                              291.40
                                                       289.60
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  4889
         1985-09-13
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                                        0.28
                                                 0.29
                                                         0.28
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##
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         1985-09-13
                     ^IXIC
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                                      287.20
                                               289.90
                                                       286.90
                                                                          1.024714e+05
                                                                       0
                               0.27
                                                                 165100 -9.990599e+01
##
   4891
         1985-09-16
                                        0.27
                                                 0.28
                                                         0.27
                      AAPL
  4892
         1985-09-16 ^IXIC
                             286.40
                                      285.40
                                              287.20
                                                       285.20
                                                                       0
                                                                         1.056037e+05
         1985-09-17 ^IXIC
## 4893
                             285.00
                                      281.10
                                              285.40
                                                       280.80
                                                                       0 -1.506657e+00
## 4894
         1985-09-17 AAPL
                               0.27
                                        0.27
                                                 0.27
                                                         0.27
                                                                 820300 -9.990395e+01
```

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                                       0.29
                                                0.29
                                                         0.29
                                                                536100 7.407407e+00
                                     281.00
                                              281.10
                                                      279.50
## 4896
         1985-09-18 ^IXIC
                            279.90
                                                                      0
                                                                         9.679655e+04
                                                                831800 -9.989324e+01
  4897
         1985-09-19
                      AAPL
                               0.30
                                       0.30
                                                0.30
                                                         0.30
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         1985-09-19 ^IXIC
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                                              283.60
                                                      281.00
                                                                         9.443333e+04
                                                                      0
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                                                0.31
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                                                      283.60
                                                                         9.470000e+04
##
         1985-09-20
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                                     284.40
                                                                      0
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         1985-09-23
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                                       0.30
                                                0.31
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                     ^IXIC
## 4902
         1985-09-23
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                                     286.10
                                              286.20
                                                       284.30
                                                                      0
                                                                         9.526667e+04
   4903
         1985-09-24
                     ^IXIC
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                                     284.10
                                              286.10
                                                       283.90
                                                                      0 -6.990563e-01
                               0.29
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         1985-09-24
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                                                         0.29
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                                       0.28
                                                0.29
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## 4906
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                                                                      0 1.005429e+05
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                                       0.28
                                                0.29
                                                         0.28
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                     ^IXIC
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##
   4908
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                                                       279.50
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## 4909
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         1985-09-27
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## 4910
         1985-09-30
                     ^IXIC
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                                                       279.80
                                                                      0
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## 4912
         1985-10-01
                      AAPL
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                                       0.28
                                                0.28
                                                         0.28
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## 4913
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                                              281.80
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                                                                        1.005429e+05
                                                                      0
## 4914
         1985-10-02
                      AAPL
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                                       0.28
                                                0.28
                                                         0.28
                                                                 96000 -9.990064e+01
## 4915
         1985-10-02 ^IXIC
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                                              282.50
                                                      281.00
                                                                      0 1.003286e+05
## 4916
         1985-10-03
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                                                0.28
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## 4917
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                                              281.50
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## 4918
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                                       0.27
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                                                         0.27
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## 4919
         1985-10-04 ^IXIC
                             280.60
                                     280.50
                                              281.40
                                                      280.10
                                                                      0 1.037889e+05
## 4920
         1985-10-07 ^IXIC
                             279.30
                                     278.30
                                              280.50
                                                       278.00
                                                                      0 -7.843137e-01
## 4921
         1985-10-07
                      AAPL
                               0.27
                                       0.27
                                                0.27
                                                         0.27
                                                                410400 -9.990298e+01
  4922
         1985-10-08
                     ^IXIC
                             277.30
                                     277.00
                                              278.30
                                                       276.60
                                                                      0
                                                                         1.024926e+05
## 4923
         1985-10-08
                               0.27
                                                0.27
                                                         0.27
                                                                388300 -9.990253e+01
                      AAPL
                                       0.27
## 4924
         1985-10-09 ^IXIC
                             277.90
                                     278.30
                                              278.50
                                                      277.00
                                                                      0 1.029741e+05
## 4925
         1985-10-09
                      AAPL
                               0.27
                                       0.27
                                                0.27
                                                         0.27
                                                                369700 -9.990298e+01
  4926
         1985-10-10
                      AAPL
                               0.28
                                       0.28
                                                0.29
                                                         0.28
                                                               1168500
                                                                         3.703704e+00
  4927
         1985-10-10 ^IXIC
                             277.90
                                     279.40
                                              279.40
                                                       277.80
                                                                         9.968571e+04
                                                                      0
## 4928
                               0.29
                                                0.29
                                                         0.29
         1985-10-11
                      AAPL
                                       0.29
                                                                528100 -9.989621e+01
  4929
         1985-10-11
                     ^IXIC
                             279.90
                                     281.80
                                              281.80
                                                       279.40
                                                                         9.707241e+04
                                                                      0
                               0.30
                                                0.30
                                                                692800 -9.989354e+01
##
  4930
         1985-10-14
                      AAPL
                                       0.30
                                                         0.30
## 4931
         1985-10-14 ^IXIC
                             282.50
                                     284.30
                                              284.30
                                                       281.80
                                                                      0
                                                                         9.466667e+04
  4932
         1985-10-15
                      AAPL
                               0.30
                                       0.30
                                                0.31
                                                         0.30
                                                               1312000 -9.989448e+01
##
  4933
         1985-10-15 ^IXIC
                             285.30
                                     285.00
                                              285.40
                                                       284.30
                                                                         9.490000e+04
                                                                      0
                      AAPL
                               0.32
                                                0.32
                                                               1287700 -9.988772e+01
##
  4934
         1985-10-16
                                       0.32
                                                         0.32
         1985-10-16 ^IXIC
  4935
                             285.70
                                     286.70
                                              286.70
                                                      284.90
                                                                      0
                                                                         8.949375e+04
## 4936
         1985-10-17 ^IXIC
                             287.40
                                     288.30
                                              288.60
                                                      286.70
                                                                      0
                                                                         5.580746e-01
  4937
         1985-10-17
                      AAPL
                               0.33
                                       0.33
                                                0.34
                                                         0.33
                                                               1554400 -9.988554e+01
##
  4938
         1985-10-18
                               0.32
                                       0.32
                                                0.33
                                                         0.32
                                                               1028700 -3.030303e+00
                      AAPL
## 4939
         1985-10-18 ^IXIC
                             288.60
                                     288.40
                                              288.70
                                                      288.00
                                                                      0
                                                                         9.002500e+04
## 4940
         1985-10-21
                      AAPL
                               0.31
                                       0.31
                                                0.32
                                                         0.31
                                                                530700 -9.989251e+01
## 4941
         1985-10-21 ^IXIC
                             288.30
                                     287.70
                                              288.50
                                                       287.70
                                                                      0
                                                                         9.270645e+04
                                              288.70
## 4942
         1985-10-22 ^IXIC
                             287.80
                                     288.50
                                                       287.50
                                                                      0
                                                                         2.780674e-01
                                                0.33
                                                         0.32
## 4943
         1985-10-22
                      AAPL
                               0.32
                                       0.32
                                                               1895300 -9.988908e+01
## 4944
         1985-10-23
                     ^IXIC
                             289.30
                                     289.80
                                              289.80
                                                       288.50
                                                                      0
                                                                         9.046250e+04
## 4945
                               0.32
                                                                662400 -9.988958e+01
         1985-10-23
                                       0.32
                                                0.33
                                                         0.32
                      AAPL
## 4946
         1985-10-24 ^IXIC
                             290.40
                                     290.60
                                              290.90
                                                       289.80
                                                                      0
                                                                         9.071250e+04
## 4947
         1985-10-24
                      AAPL
                               0.33
                                       0.33
                                                0.34
                                                         0.33
                                                               1217100 -9.988644e+01
## 4948
         1985-10-25 ^IXIC
                            290.00
                                     289.50
                                              290.70
                                                      289.20
                                                                         8.762727e+04
                                                                      0
```

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## 4949
         1985-10-25
                      AAPL
                               0.32
                                        0.32
                                                0.33
                                                         0.32
                                                                 282500 -9.988946e+01
                      AAPL
                               0.32
                                        0.32
                                                0.32
                                                         0.32
## 4950
         1985-10-28
                                                                 265500
                                                                         0.000000e+00
                                              289.50
## 4951
         1985-10-28 ^IXIC
                             288.70
                                      289.20
                                                       288.60
                                                                      0
                                                                         9.027500e+04
  4952
         1985-10-29
                      AAPL
                               0.32
                                                0.32
                                                         0.32
                                                                 584300 -9.988935e+01
                                        0.32
   4953
         1985-10-29
                     ^IXIC
                             290.00
                                      291.10
                                              291.20
                                                       289.20
                                                                      0
                                                                         9.086875e+04
  4954
                               0.34
                                                0.34
                                                                1011500 -9.988320e+01
##
         1985-10-30
                      AAPL
                                        0.34
                                                         0.34
  4955
         1985-10-30 ^IXIC
                             291.80
                                      292.30
                                              292.30
                                                       291.10
                                                                      0
                                                                         8.587059e+04
## 4956
         1985-10-31
                      AAPL
                               0.33
                                        0.33
                                                0.34
                                                         0.33
                                                                 692300 -9.988710e+01
   4957
         1985-10-31 ^IXIC
                             292.80
                                      292.50
                                              292.80
                                                       292.00
                                                                         8.853636e+04
                                                                      0
   4958
         1985-11-01
                      AAPL
                               0.33
                                        0.33
                                                0.34
                                                         0.33
                                                                 413200 -9.988718e+01
   4959
         1985-11-01 ^IXIC
                             293.00
                                      294.10
                                              294.20
                                                       292.50
                                                                      0
                                                                         8.902121e+04
         1985-11-04 ^IXIC
   4960
                             294.70
                                      294.20
                                              295.10
                                                       294.00
##
                                                                      0
                                                                         3.400204e-02
##
   4961
         1985-11-04
                      AAPL
                               0.33
                                        0.33
                                                0.34
                                                         0.33
                                                                 695200 -9.988783e+01
                                                                         8.938485e+04
##
   4962
         1985-11-05 ^IXIC
                             295.30
                                      295.30
                                              295.30
                                                       295.10
                                                                      0
  4963
                      AAPL
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                                                0.34
                                                         0.33
                                                                 480100 -9.988825e+01
         1985-11-05
                                        0.33
  4964
         1985-11-06 ^IXIC
                             296.30
                                      296.70
                                              296.80
                                                       295.30
                                                                      0
                                                                         8.980909e+04
                               0.34
                                                0.35
                                                         0.34
                                                                 894900 -9.988541e+01
##
   4965
         1985-11-06
                      AAPL
                                        0.34
   4966
         1985-11-07 ^IXIC
                             297.40
                                      297.50
                                              297.60
                                                       296.70
                                                                         8.740000e+04
                                                                      0
                      AAPL
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                                                                1415800 -9.988235e+01
  4967
         1985-11-07
                                        0.35
                                                0.35
                                                         0.35
  4968
         1985-11-08
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                             298.00
                                      300.00
                                              300.10
                                                       297.50
                                                                      0
                                                                         8.561429e+04
                                                                1313000 -9.987667e+01
##
  4969
         1985-11-08
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                               0.37
                                        0.37
                                                0.37
                                                         0.37
  4970
                      AAPL
                               0.36
                                        0.36
                                                0.37
                                                         0.36
                                                                 798100 -2.702703e+00
         1985-11-11
         1985-11-11 ^IXIC
## 4971
                             300.50
                                              302.40
                                                       300.00
                                                                         8.387222e+04
                                      302.30
                                                                      0
                             303.50
                                              304.60
  4972
         1985-11-12 ^IXIC
                                      304.40
                                                       302.30
                                                                      0
                                                                         6.946742e-01
## 4973
         1985-11-12
                      AAPL
                               0.35
                                        0.35
                                                0.36
                                                         0.35
                                                                 775200 -9.988502e+01
## 4974
         1985-11-13 ^IXIC
                             304.00
                                      303.90
                                              304.60
                                                       303.60
                                                                      0
                                                                         8.672857e+04
## 4975
         1985-11-13
                      AAPL
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                                        0.35
                                                0.35
                                                         0.35
                                                                 453400 -9.988483e+01
  4976
         1985-11-14
                     ^IXIC
                             303.80
                                      305.20
                                              305.20
                                                       303.50
                                                                      0
                                                                         8.710000e+04
  4977
                               0.36
                                                0.36
                                                         0.36
                                                                 622800 -9.988204e+01
##
         1985-11-14
                      AAPL
                                        0.36
  4978
         1985-11-15 ^IXIC
                             305.80
                                      306.20
                                              306.50
                                                       305.20
                                                                      0
                                                                         8.495556e+04
## 4979
         1985-11-15
                      AAPL
                               0.35
                                        0.35
                                                0.36
                                                         0.35
                                                                 364200 -9.988570e+01
##
   4980
         1985-11-18
                      AAPL
                               0.35
                                        0.35
                                                0.36
                                                         0.35
                                                                 288200
                                                                         0.000000e+00
   4981
         1985-11-18 ^IXIC
                             306.10
                                      306.10
                                              306.30
                                                       305.80
                                                                      0
                                                                         8.735714e+04
  4982
                     ^IXIC
                             307.00
                                              307.30
                                                                         2.613525e-01
         1985-11-19
                                      306.90
                                                       306.10
                                                                      0
   4983
         1985-11-19
                      AAPL
                               0.34
                                        0.34
                                                0.36
                                                         0.34
                                                                 421100 -9.988921e+01
                                                                 442300
  4984
                               0.34
                                                0.35
                                                                         0.000000e+00
##
         1985-11-20
                      AAPL
                                        0.34
                                                         0.34
  4985
         1985-11-20 ^IXIC
                             307.10
                                      307.00
                                              307.30
                                                       306.80
                                                                      0
                                                                         9.019412e+04
  4986
         1985-11-21 ^IXIC
                             308.10
                                      309.30
                                              309.30
                                                       307.00
                                                                      0
                                                                         7.491857e-01
##
  4987
         1985-11-21
                      AAPL
                               0.34
                                                0.34
                                                         0.34
                                                                 459600 -9.989007e+01
                                        0.34
         1985-11-22 ^IXIC
                             310.20
                                      310.80
                                              310.90
                                                       309.20
                                                                         9.131176e+04
##
  4988
                                                                      0
   4989
         1985-11-22
                      AAPL
                               0.34
                                        0.34
                                                0.34
                                                         0.34
                                                                 574800 -9.989060e+01
  4990
         1985-11-25
                      AAPL
                               0.34
                                        0.34
                                                0.34
                                                         0.34
                                                                 433900
                                                                         0.000000e+00
##
   4991
         1985-11-25
                     ^IXIC
                             310.10
                                      309.80
                                              311.00
                                                       309.40
                                                                      0
                                                                         9.101765e+04
                             309.60
##
  4992
         1985-11-26 ^IXIC
                                      310.50
                                              310.70
                                                       309.50
                                                                      0
                                                                         2.259522e-01
## 4993
         1985-11-26
                      AAPL
                               0.35
                                        0.35
                                                0.35
                                                         0.34
                                                                 734200 -9.988728e+01
                     ^IXIC
## 4994
         1985-11-27
                             311.60
                                              313.00
                                                       310.40
                                                                         8.932857e+04
                                      313.00
                                                                      0
  4995
         1985-11-27
                      AAPL
                               0.36
                                        0.36
                                                0.36
                                                         0.34
                                                                 855900 -9.988498e+01
  4996
         1985-11-29
                     ^IXIC
                             313.70
                                      314.00
                                              314.00
                                                       313.20
                                                                      0
                                                                         8.712222e+04
                                                         0.35
## 4997
         1985-11-29
                      AAPL
                               0.36
                                        0.36
                                                0.36
                                                                 442100 -9.988535e+01
## 4998
         1985-12-02
                     ^IXIC
                             313.90
                                      313.00
                                              314.40
                                                       312.70
                                                                      0
                                                                         8.684444e+04
         1985-12-02
                               0.36
                                                0.36
                                                         0.36
                                                                 447300 -9.988498e+01
##
  4999
                      AAPL
                                        0.36
## 5000
         1985-12-03
                      AAPL
                               0.36
                                        0.36
                                                0.36
                                                         0.36
                                                                 692300
                                                                         0.000000e+00
## 5001
         1985-12-03 ^IXIC
                             312.70
                                      313.10
                                              313.20
                                                       312.30
                                                                      0
                                                                         8.687222e+04
## 5002
         1985-12-04 ^IXIC
                             313.90
                                     316.70
                                              316.70
                                                       313.10
                                                                      0
                                                                         1.149792e+00
```

```
## 5003
         1985-12-04
                      AAPL
                               0.37
                                       0.37
                                                0.37
                                                         0.36
                                                                737100 -9.988317e+01
                               0.36
## 5004
                      AAPL
                                                0.37
                                                         0.36
                                                                558700 -2.702703e+00
         1985-12-05
                                       0.36
         1985-12-05 ^IXIC
                                     318.20
                                                      316.80
                                                                         8.828889e+04
## 5005
                             318.20
                                              319.60
                                                                      0
  5006
         1985-12-06
                      AAPL
                               0.35
                                       0.35
                                                0.36
                                                         0.35
                                                                292200 -9.989001e+01
   5007
         1985-12-06
                     ^IXIC
                             316.60
                                     316.60
                                              318.20
                                                      316.40
                                                                      0
                                                                         9.035714e+04
  5008
                             316.80
                                                                      0
         1985-12-09 ^IXIC
                                     316.90
                                              317.10
                                                      316.40
                                                                         9.475679e-02
## 5009
         1985-12-09
                      AAPL
                               0.35
                                       0.35
                                                0.36
                                                         0.34
                                                                624400 -9.988956e+01
         1985-12-10 ^IXIC
## 5010
                             316.80
                                     317.30
                                              317.50
                                                      316.60
                                                                      0
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   5011
         1985-12-10
                      AAPL
                               0.35
                                       0.35
                                                0.35
                                                         0.34
                                                                896900 -9.988969e+01
  5012
         1985-12-11 ^IXIC
                             317.70
                                     318.90
                                              318.90
                                                      317.30
                                                                      0
                                                                         9.101429e+04
  5013
         1985-12-11
                      AAPL
                               0.35
                                       0.35
                                                0.36
                                                         0.35
                                                               1060800 -9.989025e+01
                     ^IXIC
## 5014
         1985-12-12
                             320.40
                                              320.70
                                     320.60
                                                      318.90
                                                                      0
                                                                         9.150000e+04
   5015
         1985-12-12
                      AAPL
                               0.36
                                       0.36
                                                0.36
                                                         0.35
                                                                559200 -9.988771e+01
                                                                         0.000000e+00
## 5016
         1985-12-13
                      AAPL
                               0.36
                                       0.36
                                                0.36
                                                         0.35
                                                               1121200
## 5017
         1985-12-13 ^IXIC
                             322.10
                                     324.00
                                              324.10
                                                      320.60
                                                                      0
                                                                         8.990000e+04
## 5018
         1985-12-16
                      AAPL
                               0.37
                                       0.37
                                                0.38
                                                         0.36
                                                               1289800 -9.988580e+01
                             324.70
                                     325.20
                                              325.60
                                                      324.00
## 5019
         1985-12-16 ^IXIC
                                                                         8.779189e+04
                                                                      0
## 5020
         1985-12-17
                      AAPL
                               0.37
                                       0.37
                                                0.38
                                                         0.36
                                                                486900 -9.988622e+01
## 5021
                     ^IXIC
                             323.90
                                              325.20
                                                                         8.727838e+04
         1985-12-17
                                     323.30
                                                      323.10
                                                                      0
## 5022
         1985-12-18 ^IXIC
                             323.20
                                     322.50
                                              323.40
                                                      322.20
                                                                      0 -2.474482e-01
## 5023
         1985-12-18
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                               0.40
                                       0.40
                                                0.41
                                                         0.38
                                                               2499100 -9.987597e+01
## 5024
         1985-12-19
                      AAPL
                               0.40
                                       0.40
                                                0.41
                                                         0.40
                                                               1205900
                                                                         0.000000e+00
## 5025
         1985-12-19 ^IXIC
                             322.40
                                     322.70
                                              322.70
                                                      322.20
                                                                      0
                                                                         8.057500e+04
## 5026
         1985-12-20
                      AAPL
                               0.40
                                       0.40
                                                0.41
                                                         0.40
                                                                919800 -9.987605e+01
                             322.80
                                              323.30
## 5027
         1985-12-20 ^IXIC
                                     323.10
                                                      322.50
                                                                      0
                                                                         8.067500e+04
  5028
         1985-12-23
                      AAPL
                               0.39
                                       0.39
                                                0.40
                                                         0.39
                                                                639400 -9.987929e+01
## 5029
         1985-12-23
                     ^IXIC
                             322.50
                                     321.60
                                              323.20
                                                      321.10
                                                                         8.236154e+04
                                                                      0
   5030
         1985-12-24
                      AAPL
                               0.39
                                       0.39
                                                0.39
                                                         0.39
                                                                288400 -9.987873e+01
## 5031
         1985-12-24
                     ^IXIC
                             320.40
                                              321.60
                                     320.20
                                                      319.70
                                                                      0
                                                                         8.200256e+04
## 5032
         1985-12-26
                      AAPL
                               0.39
                                       0.39
                                                0.39
                                                         0.39
                                                                204700 -9.987820e+01
         1985-12-26 ^IXIC
## 5033
                             320.20
                                     320.30
                                              320.30
                                                      319.70
                                                                      0
                                                                         8.202821e+04
   5034
         1985-12-27 ^IXIC
                             321.80
                                     322.80
                                              322.80
                                                      320.80
                                                                      0
                                                                         7.805183e-01
   5035
         1985-12-27
                      AAPL
                               0.40
                                       0.40
                                                0.40
                                                         0.39
                                                                548600 -9.987608e+01
  5036
                     ^IXIC
                             323.00
                                              323.20
                                                      322.20
         1985-12-30
                                     323.10
                                                                         8.067500e+04
                                                                      0
   5037
         1985-12-30
                      AAPL
                               0.40
                                       0.40
                                                0.40
                                                         0.40
                                                                480700 -9.987620e+01
                             323.60
  5038
         1985-12-31 ^IXIC
                                     324.90
                                              324.90
##
                                                      323.20
                                                                      0
                                                                         8.112500e+04
## 5039
         1985-12-31
                      AAPI
                               0.39
                                       0.39
                                                0.40
                                                         0.39
                                                                389500 -9.987996e+01
## 5040
         1986-01-02 ^IXIC
                             325.00
                                     325.00
                                              325.60
                                                      324.80
                                                                         8.323333e+04
                                                                      0
## 5041
         1986-01-02
                      AAPL
                               0.40
                                                0.40
                                                         0.39
                                                                524200 -9.987692e+01
                                       0.40
         1986-01-03 ^IXIC
                             325.20
                                     325.70
                                              325.70
                                                      324.80
## 5042
                                                                      0
                                                                         8.132500e+04
                                                               1081100 -9.987719e+01
  5043
         1986-01-03
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                               0.40
                                       0.40
                                                0.40
                                                         0.40
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## 5044
                             325.50
                                     326.00
                                              326.20
                                                      325.30
                                                                         8.140000e+04
                                                                      0
   5045
         1986-01-06
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                               0.40
                                       0.40
                                                0.40
                                                         0.39
                                                                826100 -9.987730e+01
   5046
         1986-01-07 ^IXIC
                             327.50
                                     329.70
                                              329.80
                                                      326.00
                                                                         8.232500e+04
                                                                      0
                                                               2100600 -9.987564e+01
## 5047
         1986-01-07
                      AAPL
                               0.41
                                       0.41
                                                0.41
                                                         0.40
                                                               2712500
## 5048
         1986-01-08
                      AAPL
                               0.41
                                                0.42
                                                         0.41
                                                                         0.000000e+00
                                       0.41
  5049
         1986-01-08 ^IXIC
                             331.20
                                     328.10
                                              331.70
                                                      328.10
                                                                      0
                                                                         7.992439e+04
                             325.50
                                              327.90
## 5050
         1986-01-09 ^IXIC
                                     323.00
                                                      322.10
                                                                      0 -1.554404e+00
                                                         0.39
  5051
         1986-01-09
                      AAPL
                               0.40
                                       0.40
                                                0.41
                                                               1996600 -9.987616e+01
## 5052
         1986-01-10 ^IXIC
                             324.40
                                     324.40
                                              324.80
                                                      323.00
                                                                      0
                                                                         8.100000e+04
  5053
                               0.41
                                       0.41
                                                0.41
                                                         0.40
                                                                684100 -9.987361e+01
##
         1986-01-10
                      AAPL
## 5054
         1986-01-13
                      AAPL
                               0.41
                                       0.41
                                                0.41
                                                         0.40
                                                                961700
                                                                        0.000000e+00
## 5055
         1986-01-13 ^IXIC
                             323.80
                                     324.20
                                              324.30
                                                      323.60
                                                                      0 7.897317e+04
## 5056
         1986-01-14 AAPL
                               0.42
                                       0.42
                                                0.42
                                                         0.40
                                                               1217400 -9.987045e+01
```

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## 5057
         1986-01-14 ^IXIC
                           325.20
                                     324.80
                                             325.60
                                                     324.20
                                                                    0 7.723333e+04
                      AAPL
                              0.43
                                       0.43
                                                              1890500 -9.986761e+01
## 5058
         1986-01-15
                                               0.43
                                                        0.41
                                                     324.70
## 5059
         1986-01-15 ^IXIC
                            325.90
                                     328.20
                                             328.20
                                                                    0 7.622558e+04
## 5060
                      AAPL
                              0.44
                                       0.44
                                               0.44
                                                        0.43
                                                              2387400 -9.986594e+01
         1986-01-16
                                                                       7.490000e+04
  5061
         1986-01-16 ^IXIC
                            328.90
                                     330.00
                                             330.10
                                                     328.60
                                                                    0
  5062
         1986-01-17
                              0.43
                                               0.44
                                                              1541900 -9.986970e+01
                      AAPL
                                       0.43
                                                        0.43
                            330.30
## 5063
         1986-01-17 ^IXIC
                                     330.70
                                             331.10
                                                     330.00
                                                                    0 7.680698e+04
                            329.10
         1986-01-20 ^IXIC
## 5064
                                     329.50
                                             330.70
                                                     329.00
                                                                    0 -3.628666e-01
   5065
         1986-01-20
                      AAPL
                              0.43
                                       0.43
                                               0.43
                                                        0.42
                                                               568800 -9.986950e+01
                            329.50
                                     328.50
                                                     328.00
  5066
         1986-01-21 ^IXIC
                                             330.00
                                                                    0 7.629535e+04
   5067
         1986-01-21
                      AAPL
                              0.43
                                      0.43
                                               0.43
                                                        0.42
                                                               678400 -9.986910e+01
                    ^IXIC
## 5068
         1986-01-22
                            328.50
                                     326.80
                                             329.00
                                                     326.70
                                                                    0 7.590000e+04
  5069
         1986-01-22
                      AAPL
                              0.42
                                      0.42
                                               0.43
                                                        0.40
                                                               638400 -9.987148e+01
                            325.90
                                                     325.70
## 5070
         1986-01-23 ^IXIC
                                     326.70
                                             326.80
                                                                    0 7.768571e+04
## 5071
                      AAPL
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                                       0.41
                                               0.42
                                                        0.41
                                                               698300 -9.987450e+01
         1986-01-23
         1986-01-24 ^IXIC
## 5072
                            327.60
                                     328.90
                                             328.90
                                                     326.70
                                                                    0
                                                                       8.011951e+04
                              0.40
                                       0.40
                                               0.42
                                                        0.40
                                                               499900 -9.987838e+01
## 5073
         1986-01-24
                      AAPL
## 5074
         1986-01-27
                      AAPL
                              0.40
                                       0.40
                                               0.41
                                                        0.39
                                                              1739200
                                                                       0.000000e+00
                    ^IXIC
                            329.40
                                     330.20
                                             330.30
                                                     328.80
## 5075
         1986-01-27
                                                                    0 8.245000e+04
## 5076
         1986-01-28 ^IXIC
                            331.40
                                     332.60
                                             332.70
                                                     330.20
                                                                    0
                                                                       7.268322e-01
## 5077
         1986-01-28
                      AAPL
                              0.40
                                       0.40
                                               0.40
                                                        0.39
                                                               992400 -9.987974e+01
## 5078
         1986-01-29 ^IXIC
                            334.80
                                     334.70
                                             335.80
                                                     332.70
                                                                       8.357500e+04
                                                                    0
## 5079
                      AAPL
                              0.42
                                       0.42
                                               0.44
                                                        0.39
         1986-01-29
                                                              2632000 -9.987451e+01
         1986-01-30 ^IXIC
                            334.90
                                     334.30
                                             335.30
                                                     334.20
## 5080
                                                                    0
                                                                       7.949524e+04
                              0.41
                                               0.42
                                                              1057500 -9.987736e+01
## 5081
         1986-01-30
                      AAPL
                                       0.41
                                                        0.41
## 5082
         1986-01-31
                      AAPL
                              0.41
                                       0.41
                                               0.42
                                                        0.41
                                                               659400
                                                                       0.000000e+00
## 5083
         1986-01-31 ^IXIC
                            334.40
                                     335.80
                                             335.80
                                                     333.90
                                                                    0
                                                                       8.180244e+04
## 5084
         1986-02-03
                      AAPL
                              0.43
                                      0.43
                                               0.43
                                                        0.41
                                                              1562600 -9.987195e+01
## 5085
         1986-02-03 ^IXIC
                            336.10
                                     337.50
                                             337.50
                                                     335.80
                                                                    0 7.838837e+04
## 5086
         1986-02-04
                      AAPL
                              0.42
                                      0.42
                                               0.44
                                                        0.42
                                                              1161500 -9.987556e+01
         1986-02-04 ^IXIC
## 5087
                            338.60
                                     337.90
                                             339.20
                                                     337.20
                                                                    0
                                                                       8.035238e+04
  5088
         1986-02-05
                      AAPL
                              0.42
                                       0.42
                                               0.43
                                                        0.42
                                                               880200 -9.987570e+01
## 5089
         1986-02-05 ^IXIC
                            338.20
                                     338.90
                                             338.90
                                                     337.70
                                                                    0 8.059048e+04
         1986-02-06 ^IXIC
                            339.70
                                     340.80
                                             340.90
                                                     338.80
## 5090
                                                                    0 5.606374e-01
## 5091
         1986-02-06
                      AAPL
                              0.43
                                      0.43
                                               0.43
                                                       0.42
                                                               599200 -9.987383e+01
## 5092
         1986-02-07 ^IXIC
                            340.10
                                     342.20
                                             342.20
                                                     339.70
                                                                    0 7.948140e+04
## 5093
         1986-02-07
                      AAPL
                              0.43
                                      0.43
                                               0.43
                                                        0.42
                                                               577700 -9.987434e+01
## 5094
         1986-02-10
                      AAPL
                              0.43
                                       0.43
                                               0.44
                                                        0.42
                                                               499300 0.000000e+00
## 5095
         1986-02-10 ^IXIC
                            343.20
                                     344.00
                                             344.10
                                                     342.20
                                                                    0
                                                                       7.990000e+04
         1986-02-11 ^IXIC
                            344.40
                                     344.90
                                             345.30
                                                     344.20
                                                                    0 2.616279e-01
## 5096
  5097
         1986-02-11
                      AAPL
                              0.43
                                      0.43
                                               0.43
                                                        0.42
                                                               685100 -9.987533e+01
## 5098
         1986-02-12
                     AAPL
                              0.43
                                      0.43
                                               0.43
                                                        0.42
                                                               594000 0.000000e+00
## 5099
         1986-02-12 ^IXIC
                            345.50
                                     346.30
                                             346.30
                                                     344.90
                                                                    0
                                                                       8.043488e+04
                                                               488300 -9.987583e+01
## 5100
         1986-02-13
                              0.43
                                      0.43
                                               0.43
                                                        0.42
                      AAPL
                            346.90
                                     347.90
                                             348.00
## 5101
         1986-02-13 ^IXIC
                                                     346.30
                                                                    0 8.080698e+04
         1986-02-14 ^IXIC
                            348.80
                                             350.20
## 5102
                                     350.20
                                                     347.90
                                                                       6.611095e-01
                                                                    0
## 5103
         1986-02-14
                      AAPL
                              0.42
                                       0.42
                                               0.43
                                                        0.42
                                                               613900 -9.988007e+01
## 5104
         1986-02-17 ^IXIC
                            352.56
                                     352.56
                                             352.56
                                                     352.56
                                                                    0 8.384286e+04
## 5105
         1986-02-18 ^IXIC
                            350.80
                                     352.40
                                             352.40
                                                     350.20
                                                                    0 -4.538235e-02
## 5106
         1986-02-18
                      AAPL
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                                       0.43
                                               0.43
                                                        0.42
                                                               661200 -9.987798e+01
                            353.20
                                             353.30
                                                     352.00
## 5107
         1986-02-19
                    ^IXIC
                                     352.10
                                                                    0 8.178372e+04
## 5108
         1986-02-19
                      AAPL
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                                       0.45
                                               0.46
                                                        0.43
                                                              1605700 -9.987220e+01
## 5109
         1986-02-20
                      AAPL
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                                       0.45
                                               0.45
                                                        0.44
                                                               615700 0.000000e+00
## 5110
         1986-02-20 ^IXIC
                           352.10
                                    353.10
                                             353.20
                                                     351.60
                                                                   0 7.836667e+04
```

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## 5111
        1986-02-21 AAPL
                              0.45
                                       0.45
                                               0.46
                                                        0.45
                                                               844100 -9.987256e+01
         1986-02-21 ^IXIC
                                     355.65
                                             355.65
                                                      355.65
## 5112
                            355.65
                                                                     0 7.893333e+04
         1986-02-24
## 5113
                      AAPL
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                                       0.46
                                               0.46
                                                        0.45
                                                              1103200 -9.987066e+01
                                                                     0 7.713913e+04
## 5114
         1986-02-24
                     ^IXIC
                            355.70
                                     355.30
                                             356.30
                                                      355.30
## 5115
         1986-02-25
                      AAPL
                              0.47
                                       0.47
                                               0.47
                                                        0.45
                                                              1003300 -9.986772e+01
         1986-02-25
                     ^IXIC
                                             355.60
## 5116
                            355.40
                                     354.90
                                                      354.00
                                                                     0 7.541064e+04
## 5117
         1986-02-26
                      AAPL
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                                       0.46
                                                0.48
                                                        0.46
                                                                735400 -9.987039e+01
         1986-02-26 ^IXIC
## 5118
                            355.00
                                     355.30
                                             355.60
                                                      354.60
                                                                     0 7.713913e+04
## 5119
         1986-02-27
                      AAPL
                               0.46
                                       0.46
                                               0.47
                                                        0.46
                                                                482700 -9.987053e+01
                            355.90
                                             358.10
## 5120
         1986-02-27
                     ^IXIC
                                     358.10
                                                      355.30
                                                                     0 7.774783e+04
## 5121
         1986-02-28
                      AAPL
                              0.45
                                       0.45
                                               0.46
                                                        0.44
                                                                558600 -9.987434e+01
                     ^IXIC
## 5122
         1986-02-28
                            359.50
                                             359.80
                                                      359.20
                                                                     0 7.978889e+04
                                     359.50
## 5123
         1986-03-03
                      AAPL
                              0.44
                                       0.44
                                               0.45
                                                        0.44
                                                                485800 -9.987761e+01
                            360.00
                                             360.50
                                                      359.50
## 5124
         1986-03-03 ^IXIC
                                     359.80
                                                                     0 8.167273e+04
## 5125
         1986-03-04
                      AAPL
                              0.44
                                       0.44
                                                0.45
                                                        0.44
                                                                397800 -9.987771e+01
         1986-03-04 ^IXIC
## 5126
                            360.90
                                     362.00
                                             362.10
                                                      359.80
                                                                     0
                                                                        8.217273e+04
                              0.45
                                               0.46
                                                        0.43
                                                                790300 -9.987569e+01
## 5127
         1986-03-05
                      AAPL
                                       0.45
## 5128
         1986-03-05 ^IXIC
                            360.00
                                     359.80
                                             361.00
                                                      359.10
                                                                     0 7.985556e+04
## 5129
         1986-03-06 ^IXIC
                            360.90
                                             361.70
                                                      359.80
                                                                     0 4.724847e-01
                                     361.50
## 5130
         1986-03-06
                      AAPL
                              0.45
                                       0.45
                                               0.46
                                                        0.45
                                                                452400 -9.987552e+01
## 5131
         1986-03-07 ^IXIC
                            362.40
                                     362.20
                                             362.50
                                                      361.50
                                                                     0 8.038889e+04
## 5132
         1986-03-07
                               0.44
                                                0.45
                                                        0.44
                                                                429400 -9.987852e+01
                      AAPL
                                       0.44
         1986-03-10 ^IXIC
                                                     362.30
## 5133
                            363.20
                                             364.00
                                                                        8.260455e+04
                                     363.90
                                                                     0
                                                                337000 -9.987909e+01
## 5134
         1986-03-10
                      AAPL
                              0.44
                                       0.44
                                               0.44
                                                        0.44
                              0.44
                                               0.44
                                                                460100 0.000000e+00
## 5135
         1986-03-11
                      AAPL
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                                                        0.44
## 5136
         1986-03-11 ^IXIC
                            365.30
                                     367.40
                                             367.50
                                                      363.90
                                                                     0 8.340000e+04
## 5137
         1986-03-12 ^IXIC
                            368.90
                                     369.70
                                             370.30
                                                      367.30
                                                                     0 6.260207e-01
## 5138
         1986-03-12
                      AAPL
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                                       0.44
                                               0.45
                                                        0.44
                                                                382500 -9.988098e+01
## 5139
         1986-03-13
                      MSFT
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                                       0.10
                                               0.10
                                                        0.09
                                                              3582600 -7.727273e+01
## 5140
         1986-03-13
                      AAPL
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                                       0.44
                                               0.45
                                                        0.44
                                                               517700 3.400000e+02
         1986-03-13 ^IXIC
## 5141
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                                     370.40
                                             370.40
                                                      368.70
                                                                     0
                                                                        8.408182e+04
## 5142
         1986-03-14 ^IXIC
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                                     371.80
                                             371.90
                                                      370.40
                                                                     0 3.779698e-01
## 5143
         1986-03-14
                      MSFT
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                                               0.10
                                                        0.10
                                                              1070000 -9.997310e+01
                                               0.47
## 5144
                                                              1718100 3.700000e+02
         1986-03-14
                      AAPL
                              0.47
                                       0.47
                                                        0.44
## 5145
         1986-03-17
                     ^IXIC
                            370.20
                                     370.00
                                             371.90
                                                      369.20
                                                                    0
                                                                        7.862340e+04
## 5146
         1986-03-17
                      MSFT
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                                                               462400 -9.997297e+01
                                       0.10
                                               0.10
                                                        0.10
## 5147
         1986-03-17
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                              0.46
                                       0.46
                                               0.46
                                                        0.45
                                                               530000 3.600000e+02
## 5148
         1986-03-18
                      MSFT
                              0.10
                                       0.10
                                               0.10
                                                        0.10
                                                               230800 -7.826087e+01
## 5149
         1986-03-18
                      AAPL
                              0.48
                                       0.48
                                               0.49
                                                              1113200 3.800000e+02
                                                        0.46
         1986-03-18 ^IXIC
                            371.00
                                             371.50
                                                     370.00
## 5150
                                     371.50
                                                                     0 7.729583e+04
## 5151
         1986-03-19
                      AAPL
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                                       0.47
                                               0.49
                                                        0.47
                                                               847700 -9.987349e+01
## 5152
         1986-03-19
                      MSFT
                              0.10
                                               0.10
                                                        0.10
                                                               166300 -7.872340e+01
                                       0.10
## 5153
         1986-03-19
                     ^IXIC
                            372.40
                                     371.70
                                             372.70
                                                      371.50
                                                                     0
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                              0.50
                                               0.53
## 5154
         1986-03-20
                                       0.50
                                                        0.50
                                                              4036300 -9.986548e+01
                      AAPL
                            372.70
## 5155
         1986-03-20
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                                     372.70
                                             372.80
                                                      371.70
                                                                     0 7.444000e+04
## 5156
         1986-03-20
                      MSFT
                              0.10
                                               0.10
                                                        0.09
                                                                202900 -9.997317e+01
                                       0.10
## 5157
         1986-03-21 ^IXIC
                            373.10
                                     372.60
                                             373.60
                                                      372.20
                                                                     0
                                                                        3.725000e+05
                              0.49
## 5158
         1986-03-21
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                                       0.49
                                               0.51
                                                        0.49
                                                              1162400 -9.986849e+01
## 5159
         1986-03-21
                      MSFT
                              0.09
                                       0.09
                                               0.10
                                                        0.09
                                                               208300 -8.163265e+01
## 5160
         1986-03-24
                      MSFT
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                                       0.09
                                               0.09
                                                        0.09
                                                                226700 0.000000e+00
         1986-03-24
                            372.30
                                     370.70
                                             372.60
                                                      370.20
## 5161
                     ^IXIC
                                                                     0 4.117889e+05
## 5162
         1986-03-24
                      AAPL
                              0.48
                                       0.48
                                               0.49
                                                        0.47
                                                              1313900 -9.987052e+01
## 5163
         1986-03-25 ^IXIC
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                                     369.30
                                             370.80
                                                      368.90
                                                                     0 7.683750e+04
## 5164
        1986-03-25
                     AAPL
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                                       0.50
                                               0.50
                                                        0.48
                                                             1254800 -9.986461e+01
```

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## 5165
         1986-03-25
                      MSFT
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                                        0.09
                                                0.09
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## 5166
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                                                         0.50
                                                                 991700 4.555556e+02
                      MSFT
## 5167
         1986-03-26
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                                                                  79000 -8.200000e+01
                     ^IXIC
## 5168
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                                      370.60
                                              370.60
                                                       369.20
                                                                      0
                                                                         4.116778e+05
         1986-03-26
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         1986-03-27
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                                                0.52
                                                         0.50
                                                                 977700 -9.986508e+01
                      MSFT
                                                0.10
## 5170
         1986-03-27
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                             372.30
## 5171
         1986-03-27
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                                              373.50
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         1986-03-31 ^IXIC
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## 5172
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## 5173
         1986-03-31
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                                                                 838400
## 5174
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                                                         0.50
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## 5175
         1986-04-01
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                                              375.80
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## 5326
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	5493	1986-08-29		383.00	382.90	383.20	382.30	0	1.307531e-01
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			AAPL						
	5496	1986-09-02	MSFT	0.10	0.10 380.10	0.10	0.10		-8.484848e+01 3.800000e+05
	5497 5498	1986-09-02 1986-09-02		382.80	0.62	384.00	380.00	1047400	-9.983689e+01
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		1986-09-03	MSFT			0.10			5.888889e+02
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	5510	1986-09-08		374.80	372.00	378.40	371.70	0	5.990000e+04
	5511	1986-09-09	AAPL	0.64	0.64	0.64	0.62		-9.982796e+01
	5512	1986-09-09		372.10	369.60	372.70	369.30	0	5.765000e+04
	5513	1986-09-09	MSFT	0.11	0.11	0.11	0.11		-9.997024e+01
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	5517	1986-09-11	AAPL	0.58	0.58	0.62	0.58		-9.984188e+01
	5518	1986-09-11		362.80	353.30	366.80	353.30	0	6.081379e+04
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	5521	1986-09-12		346.50	346.80	353.20	346.30	0	6.074211e+04
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	5524	1986-09-15	^IXIC	347.40	345.90	347.70	345.20	0	5.852712e+04
	5525	1986-09-15	MSFT	0.10	0.10	0.10	0.10		-9.997109e+01
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## 5696
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## 5703
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         1986-12-12 ^IXIC
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## 5724
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## 5738
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         1986-12-29 ^IXIC
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## 5745
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                                                              1451800 -9.978405e+01
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                     ^IXIC
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## 5794
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                      MSFT
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         1987-06-08
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                                                         0.38
                                                                 89700 -9.990989e+01
## 6081
         1987-06-09
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                                        1.40
                                                1.42
                                                         1.38
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                                                                         2.684211e+02
## 6082
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                            423.20
                                     422.80
                                              424.30
                                                      422.60
                                                                      0
                                                                         3.010000e+04
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                                               1.43
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                                                        0.35
## 6084
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                                                               612000 -7.428571e+01
## 6085
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##
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## 6090
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                                             427.60
                                                     424.90
                                                                 0 1.220429e+05
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         1987-06-16
                      AAPL
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                                               1.49
## 6097
         1987-06-17
                      MSFT
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## 6098
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                                       1.45
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                                             428.80
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## 6099
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                                               1.49
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                                               1.49
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         1987-06-19 ^IXIC
                            429.30
                                     429.10
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                                                                    0
## 6105
         1987-06-19
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                                               0.37
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         1987-06-22
                      AAPL
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## 6106
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                                                        1.46
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                                                                    0 2.852000e+04
## 6108
         1987-06-22
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         1987-06-23
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                     ^IXIC
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                                                     427.50
                                                                    0 1.187889e+05
## 6111
## 6112
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                                               0.37
                                                        0.36
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## 6113
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         1987-06-24
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                                                     426.90
                                                                    0 2.838667e+04
## 6115
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                                               0.36
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                                                              1084900 3.027778e+02
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         1987-06-25
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## 6117
         1987-06-25
                     IXIC
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## 6118
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## 6119
         1987-06-26
                      MSFT
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## 6120
         1987-06-26
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## 6121
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                                       1.46
                                               1.46
                                                        1.43
                                                               904500 3.055556e+02
## 6122
                    ^IXIC
## 6123
         1987-06-29
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## 6124
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## 6130
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         1987-07-02 ^IXIC
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                                     425.90
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                      MSFT
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                                    425.10
                                                     424.90
## 6133
                                             426.90
                                                                    0 1.213571e+05
## 6134
         1987-07-06
                     MSFT
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                                               0.35
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## 6135
         1987-07-06 AAPL
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                                       1.46
                                               1.49
                                                        1.45
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## 6136
        1987-07-07 ^IXIC
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                                             425.80
                                                     424.20
                                                                  0 2.898219e+04
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## 6137
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## 6142
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                                       1.36
                                                1.40
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                      MSFT
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## 6147
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                                              426.10
                                                      425.00
                                                                     0 1.251941e+05
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                                              426.80
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## 6152
         1987-07-14
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## 6153
         1987-07-14
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                                              433.30
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         1987-07-16
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                      AAPL
## 6160
         1987-07-17
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                                       1.54
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## 6161
         1987-07-17 ^IXIC
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                                     434.10
                                              434.50
                                                      433.20
                                                                     0 2.808831e+04
## 6162
         1987-07-17
                      MSFT
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                                              433.10
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                                       1.49
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         1987-07-22
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## 6172
                      MSFT
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                                                1.55
                                                        1.45
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## 6174
         1987-07-23 ^IXIC
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                                                      426.90
                                                                     0
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         1987-07-24
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                                              429.20
                                                      427.60
                                                                        3.507951e-01
## 6175
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                                                1.53
## 6176
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## 6181
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## 6182
         1987-07-28
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## 6183
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                                              431.20
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## 6185
         1987-07-29
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                                                                        3.294118e+02
##
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                                                      431.20
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## 6188
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                                       1.48
                                                1.48
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## 6189
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                                                0.34
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                                                                192900 -7.702703e+01
## 6190
         1987-07-31
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                                       1.47
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                                     434.90
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                                                                         3.363636e+02
## 6193
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## 6194
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##
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## 6459
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## 6460
         1987-12-07 AAPL
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                      MSFT
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                                                                     0 9.159697e+04
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                                                0.37
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                      MSFT
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         1988-01-04 AAPL
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         1988-01-04 ^IXIC
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## 6523
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## 8072
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##
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## 8079
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                                                                      0 6.739206e+04
## 8080
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                                       1.22
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                                                         1.21
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## 8094
         1990-02-01
                      MSFT
                               0.65
                                       0.65
                                                0.65
                                                         0.64
                                                                619400 -4.628099e+01
## 8095
         1990-02-01
                      AAPL
                               1.20
                                                1.24
                                                         1.20
                                                               1045300 8.461538e+01
                                       1.20
## 8096
         1990-02-01
                     ^IXIC
                             416.80
                                     417.80
                                              417.90
                                                      416.20
                                                                      0
                                                                         3.471667e+04
                               1.22
                                                               1057800 -9.970799e+01
  8097
         1990-02-02
                      AAPL
                                       1.22
                                                1.24
                                                         1.19
  8098
         1990-02-02
                      MSFT
                               0.65
                                       0.65
                                                0.66
                                                         0.65
                                                                495800 -4.672131e+01
                     ^IXIC
                             418.80
                                     422.20
                                              423.30
## 8099
         1990-02-02
                                                      417.60
                                                                      0 6.485385e+04
## 8100
         1990-02-05
                      AAPL
                               1.25
                                       1.25
                                                1.26
                                                         1.21
                                                                908500 -9.970393e+01
## 8101
         1990-02-05
                      MSFT
                               0.65
                                       0.65
                                                0.65
                                                         0.65
                                                                414800 -4.800000e+01
## 8102
         1990-02-05
                     ^IXIC
                             422.90
                                              424.80
                                                                      0 6.523846e+04
                                     424.70
                                                      422.40
## 8103
         1990-02-06
                      AAPL
                               1.24
                                                1.25
                                                         1.21
                                       1.24
                                                                661500 -9.970803e+01
                      MSFT
                               0.65
                                                0.65
## 8104
         1990-02-06
                                       0.65
                                                         0.64
                                                                569200 -4.758065e+01
## 8105
         1990-02-06 ^IXIC
                             425.00
                                     424.00
                                              425.20
                                                      422.20
                                                                      0 6.513077e+04
## 8106
         1990-02-07
                      MSFT
                               0.65
                                       0.65
                                                0.66
                                                         0.65
                                                                931600 -9.984670e+01
## 8107
         1990-02-07
                     ^IXIC
                             422.00
                                     426.80
                                              426.90
                                                      421.80
                                                                      0
                                                                         6.556154e+04
## 8108
         1990-02-07
                      AAPL
                               1.19
                                       1.19
                                                1.21
                                                         1.16
                                                               2789700 -9.972118e+01
## 8109
         1990-02-08
                     ^IXIC
                             428.80
                                              430.20
                                                       427.10
                                     427.30
                                                                      0 3.580756e+04
                                                               1666400 -9.972385e+01
## 8110
         1990-02-08
                      AAPL
                               1.18
                                       1.18
                                                1.20
                                                         1.15
## 8111
         1990-02-08
                      MSFT
                               0.65
                                       0.65
                                                0.66
                                                         0.65
                                                                661300 -4.491525e+01
## 8112
         1990-02-09
                     ^IXIC
                             428.70
                                     428.80
                                              429.10
                                                      427.50
                                                                      0 6.586923e+04
## 8113
         1990-02-09
                      AAPL
                               1.22
                                       1.22
                                                1.23
                                                         1.19
                                                               1500700 -9.971549e+01
                      MSFT
                                                0.66
## 8114
         1990-02-09
                               0.66
                                       0.66
                                                         0.65
                                                                433200 -4.590164e+01
## 8115
         1990-02-12
                     ^IXIC
                             428.80
                                     426.40
                                              428.80
                                                      425.80
                                                                         6.450606e+04
                                                                      0
                               1.21
                                                1.23
                                                                668900 -9.971623e+01
## 8116
         1990-02-12
                      AAPL
                                       1.21
                                                         1.21
## 8117
         1990-02-12
                      MSFT
                               0.66
                                       0.66
                                                0.66
                                                         0.65
                                                                389500 -4.545455e+01
## 8118
         1990-02-13
                     ^IXIC
                             425.30
                                     425.80
                                              427.00
                                                      423.90
                                                                      0 6.441515e+04
## 8119
         1990-02-13
                      MSFT
                               0.66
                                                0.66
                                                         0.66
                                                                408000 -9.984500e+01
                                       0.66
         1990-02-13
                               1.23
                                                1.25
                                                                912200 8.636364e+01
## 8120
                      AAPL
                                       1.23
                                                         1.21
                      MSFT
## 8121
         1990-02-14
                               0.66
                                       0.66
                                                0.66
                                                         0.66
                                                                249100 -4.634146e+01
## 8122
         1990-02-14
                     ^IXIC
                             426.80
                                     426.60
                                              427.20
                                                      425.50
                                                                      0 6.453636e+04
## 8123
         1990-02-14
                      AAPL
                               1.22
                                       1.22
                                                1.24
                                                         1.21
                                                                857700 -9.971402e+01
         1990-02-15
                      MSFT
                               0.67
                                                0.68
                                                         0.66
                                                                621500 -4.508197e+01
## 8124
                                       0.67
## 8125
         1990-02-15
                     ^IXIC
                             426.30
                                     429.60
                                              429.70
                                                      425.90
                                                                      0 6.401940e+04
                               1.22
                                                1.22
                                                         1.20
## 8126
         1990-02-15
                      AAPL
                                       1.22
                                                                874700 -9.971601e+01
## 8127
         1990-02-16
                      MSFT
                               0.68
                                       0.68
                                                0.69
                                                         0.68
                                                                492200 -4.426230e+01
## 8128
         1990-02-16 ^IXIC
                             430.00
                                     429.00
                                              430.90
                                                      428.90
                                                                      0 6.298824e+04
## 8129
         1990-02-16
                      AAPL
                               1.21
                                       1.21
                                                1.23
                                                         1.21
                                                               1135800 -9.971795e+01
## 8130
         1990-02-20
                      MSFT
                               0.70
                                       0.70
                                                0.70
                                                         0.67
                                                                921200 -4.214876e+01
                             425.40
                                              427.90
                                                       421.80
## 8131
         1990-02-20
                     ^IXIC
                                     423.80
                                                                      0
                                                                         6.044286e+04
## 8132
         1990-02-20
                      AAPL
                               1.20
                                       1.20
                                                1.21
                                                         1.18
                                                               1100400 -9.971685e+01
## 8133
         1990-02-21 ^IXIC
                             418.90
                                     421.50
                                              421.90
                                                       418.40
                                                                      0 3.502500e+04
## 8134
         1990-02-21
                     AAPL
                               1.21
                                       1.21
                                                1.22
                                                         1.16
                                                              1570600 -9.971293e+01
```

```
## 8135
         1990-02-21
                      MSFT
                               0.67
                                        0.67
                                                0.69
                                                         0.66
                                                                717700 -4.462810e+01
                                                1.23
         1990-02-22
                                        1.18
## 8136
                      AAPL
                               1.18
                                                         1.18
                                                               1742700 7.611940e+01
## 8137
                      MSFT
         1990-02-22
                               0.67
                                        0.67
                                                0.68
                                                         0.67
                                                                 422300 -4.322034e+01
## 8138
         1990-02-22
                     ^IXIC
                             422.60
                                     422.80
                                              425.10
                                                       422.20
                                                                      0 6.300448e+04
## 8139
         1990-02-23
                      AAPL
                               1.19
                                        1.19
                                                1.20
                                                         1.17
                                                                1338900 -9.971854e+01
         1990-02-23
                      MSFT
                               0.68
                                                0.68
## 8140
                                        0.68
                                                         0.66
                                                                394800 -4.285714e+01
         1990-02-23
## 8141
                     ^IXIC
                             421.10
                                     419.50
                                              421.50
                                                       418.10
                                                                      0 6.159118e+04
## 8142
         1990-02-26
                      AAPL
                               1.21
                                        1.21
                                                1.22
                                                         1.18
                                                                 710800 -9.971156e+01
## 8143
         1990-02-26
                      MSFT
                               0.69
                                        0.69
                                                0.69
                                                         0.68
                                                                 480700 -4.297521e+01
## 8144
         1990-02-26
                     ^IXIC
                             419.50
                                     421.00
                                              421.00
                                                       418.70
                                                                      0 6.091449e+04
## 8145
         1990-02-27
                      AAPL
                               1.20
                                        1.20
                                                1.22
                                                         1.20
                                                                 660300 -9.971496e+01
                     ^IXIC
## 8146
                             422.10
                                     422.60
                                              423.50
         1990-02-27
                                                       421.40
                                                                      0
                                                                         3.511667e+04
## 8147
         1990-02-27
                      MSFT
                               0.68
                                        0.68
                                                0.69
                                                         0.68
                                                                 430700 -9.983909e+01
                                              425.80
## 8148
         1990-02-28
                     ^IXIC
                             423.30
                                      425.80
                                                       422.60
                                                                      0 6.251765e+04
## 8149
         1990-02-28
                      AAPL
                               1.21
                                                1.21
                                                                 976200 -9.971583e+01
                                        1.21
                                                         1.19
## 8150
         1990-02-28
                      MSFT
                               0.69
                                        0.69
                                                0.69
                                                         0.68
                                                                 273000 -4.297521e+01
                             425.30
                                     427.20
                                                       424.50
## 8151
         1990-03-01
                     ^IXIC
                                              427.70
                                                                         6.181304e+04
                                                                      0
## 8152
         1990-03-01
                      AAPL
                               1.22
                                        1.22
                                                1.24
                                                         1.19
                                                                1820500 -9.971442e+01
## 8153
                      MSFT
                                                                533800 -4.344262e+01
         1990-03-01
                               0.69
                                        0.69
                                                0.71
                                                         0.68
## 8154
         1990-03-02
                     ^IXIC
                             428.20
                                     431.00
                                              431.00
                                                       427.60
                                                                      0
                                                                         6.236377e+04
## 8155
         1990-03-02
                      AAPL
                               1.21
                                        1.21
                                                1.24
                                                         1.19
                                                                 936600 -9.971926e+01
## 8156
         1990-03-02
                      MSFT
                               0.72
                                        0.72
                                                0.72
                                                         0.70
                                                                 695900 -4.049587e+01
## 8157
                               1.23
                                                1.24
                                                         1.20
                                                               1629200 7.083333e+01
         1990-03-05
                      AAPL
                                        1.23
                      MSFT
                               0.73
                                                0.73
## 8158
         1990-03-05
                                        0.73
                                                         0.71
                                                                 524500 -4.065041e+01
                                                       429.40
## 8159
         1990-03-05 ^IXIC
                             430.80
                                     430.20
                                              431.20
                                                                      0 5.883151e+04
## 8160
         1990-03-06
                      MSFT
                               0.73
                                        0.73
                                                0.73
                                                         0.71
                                                                 476600 -9.983031e+01
## 8161
         1990-03-06
                     ^IXIC
                             429.30
                                     432.30
                                              432.60
                                                       428.60
                                                                         5.911918e+04
                                                                      0
## 8162
         1990-03-06
                      AAPL
                               1.26
                                        1.26
                                                1.26
                                                         1.23
                                                               1393000 -9.970854e+01
## 8163
         1990-03-07
                      MSFT
                               0.71
                                                0.73
                                                         0.71
                                                                330600 -4.365079e+01
                                        0.71
## 8164
         1990-03-07
                     ^IXIC
                             433.10
                                     432.50
                                              433.50
                                                       432.10
                                                                      0 6.081549e+04
## 8165
         1990-03-07
                      AAPL
                               1.26
                                        1.26
                                                1.29
                                                         1.25
                                                               1823400 -9.970867e+01
## 8166
         1990-03-08
                      MSFT
                               0.74
                                        0.74
                                                0.74
                                                         0.71
                                                                 617900 -4.126984e+01
## 8167
         1990-03-08
                     ^IXIC
                             433.60
                                     436.50
                                              436.60
                                                       432.60
                                                                      0 5.888649e+04
## 8168
                      AAPL
                                                1.32
                                                         1.25
         1990-03-08
                               1.31
                                        1.31
                                                               1998600 -9.969989e+01
## 8169
         1990-03-09
                      IXIC
                             437.00
                                      436.80
                                              437.10
                                                       435.40
                                                                         3.324351e+04
                                                                      0
         1990-03-09
                               1.32
                                                1.34
                                                               2057800 -9.969780e+01
## 8170
                      AAPL
                                        1.32
                                                         1.29
## 8171
         1990-03-09
                      MSFT
                               0.74
                                        0.74
                                                0.75
                                                         0.73
                                                                526000 -4.393939e+01
## 8172
         1990-03-12
                      AAPL
                               1.31
                                        1.31
                                                1.34
                                                         1.29
                                                               1463900 7.702703e+01
## 8173
         1990-03-12
                      MSFT
                               0.75
                                                0.76
                                                         0.74
                                                                 478300 -4.274809e+01
                                        0.75
         1990-03-12 ^IXIC
                             435.30
                                     436.60
                                              436.60
                                                      435.00
## 8174
                                                                      0 5.811333e+04
## 8175
         1990-03-13
                      AAPL
                               1.32
                                        1.32
                                                1.33
                                                         1.29
                                                               1326600 -9.969766e+01
## 8176
         1990-03-13
                      MSFT
                               0.74
                                        0.74
                                                0.76
                                                                591700 -4.393939e+01
                                                         0.74
## 8177
         1990-03-13
                     ^IXIC
                             436.10
                                     434.60
                                              437.00
                                                      434.60
                                                                      0
                                                                         5.862973e+04
## 8178
         1990-03-14
                               1.31
                                                1.33
                                                         1.30
                                                                 849300 -9.969857e+01
                      AAPL
                                        1.31
                      MSFT
## 8179
         1990-03-14
                               0.74
                                        0.74
                                                0.75
                                                         0.74
                                                                 846200 -4.351145e+01
                     ^IXIC
                             435.70
## 8180
         1990-03-14
                                     436.20
                                              436.40
                                                       434.50
                                                                         5.884595e+04
                                                                      0
## 8181
         1990-03-15
                      AAPL
                               1.31
                                        1.31
                                                1.36
                                                         1.30
                                                               1073500 -9.969968e+01
                                                                567200 -4.122137e+01
## 8182
         1990-03-15
                      MSFT
                               0.77
                                        0.77
                                                0.78
                                                         0.75
## 8183
         1990-03-15
                     ^IXIC
                             436.70
                                     438.10
                                              438.40
                                                       436.30
                                                                      0
                                                                         5.679610e+04
## 8184
         1990-03-16
                      MSFT
                               0.79
                                        0.79
                                                0.80
                                                         0.78
                                                                 825400 -9.981968e+01
                             440.40
## 8185
         1990-03-16 ^IXIC
                                     442.20
                                              443.10
                                                       439.60
                                                                      0
                                                                         5.587468e+04
## 8186
         1990-03-16
                      AAPL
                               1.44
                                        1.44
                                                1.46
                                                         1.40
                                                               5762400 -9.967436e+01
## 8187
         1990-03-19 ^IXIC
                             440.40
                                     442.90
                                              442.90
                                                       439.00
                                                                      0
                                                                         3.065694e+04
## 8188
         1990-03-19
                      AAPL
                               1.51
                                        1.51
                                                1.52
                                                         1.43
                                                               3855300 -9.965907e+01
```

```
## 8189
         1990-03-19
                      MSFT
                              0.81
                                       0.81
                                               0.81
                                                        0.78
                                                               563700 -4.635762e+01
                                             443.30
                                                      439.70
## 8190
         1990-03-20 ^IXIC
                            443.20
                                     440.10
                                                                     0 5.423333e+04
                                       1.48
                                               1.54
## 8191
         1990-03-20
                      AAPL
                              1.48
                                                        1.46
                                                              3493900 -9.966371e+01
                      MSFT
## 8192
         1990-03-20
                              0.78
                                       0.78
                                               0.81
                                                        0.78
                                                               639900 -4.729730e+01
                                                                     0 5.622051e+04
## 8193
         1990-03-21
                     ^IXIC
                            439.60
                                     439.30
                                             440.90
                                                      439.20
## 8194
         1990-03-21
                              1.49
                                       1.49
                                               1.51
                                                        1.47
                                                              1363700 -9.966082e+01
                      AAPL
                      MSFT
## 8195
         1990-03-21
                              0.79
                                       0.79
                                                0.80
                                                        0.78
                                                                485000 -4.697987e+01
                     ^IXIC
## 8196
         1990-03-22
                            439.20
                                     434.50
                                             439.30
                                                      433.20
                                                                     0 5.490000e+04
## 8197
         1990-03-22
                      MSFT
                              0.77
                                       0.77
                                               0.79
                                                        0.77
                                                                641800 -9.982278e+01
                                                1.51
## 8198
         1990-03-22
                      AAPL
                              1.46
                                       1.46
                                                        1.46
                                                              2068400 8.961039e+01
## 8199
         1990-03-23
                      MSFT
                              0.77
                                       0.77
                                               0.79
                                                        0.76
                                                                372200 -4.726027e+01
## 8200
                     ^IXIC
         1990-03-23
                                     437.30
                                             437.80
                                                      435.20
                                                                     0 5.669221e+04
                            436.10
## 8201
         1990-03-23
                      AAPL
                              1.51
                                       1.51
                                               1.54
                                                        1.46
                                                              2035600 -9.965470e+01
                      MSFT
                                                               388400 -4.900662e+01
## 8202
         1990-03-26
                              0.77
                                       0.77
                                               0.78
                                                        0.77
## 8203
         1990-03-26
                     ^IXIC
                            438.80
                                     438.80
                                             440.00
                                                      438.10
                                                                     0 5.688701e+04
## 8204
         1990-03-26
                      AAPL
                              1.51
                                       1.51
                                                1.55
                                                        1.50
                                                              1143400 -9.965588e+01
                      MSFT
                              0.78
                                       0.78
                                               0.78
                                                               364700 -4.834437e+01
## 8205
         1990-03-27
                                                        0.77
## 8206
         1990-03-27
                    ^IXIC
                            437.70
                                     439.50
                                             439.70
                                                      437.00
                                                                     0 5.624615e+04
                      AAPL
## 8207
                                                               755400 -9.965870e+01
         1990-03-27
                              1.50
                                       1.50
                                                1.51
                                                        1.47
## 8208
         1990-03-28
                     ^IXIC
                            437.00
                                     436.70
                                             439.20
                                                      435.70
                                                                     0
                                                                        2.901333e+04
                              1.47
## 8209
         1990-03-28
                      AAPL
                                       1.47
                                                1.50
                                                        1.46
                                                               919100 -9.966338e+01
## 8210
         1990-03-28
                      MSFT
                              0.77
                                       0.77
                                               0.78
                                                        0.75
                                                               691200 -4.761905e+01
## 8211
         1990-03-29
                      AAPL
                              1.47
                                       1.47
                                                1.48
                                                        1.46
                                                               865100 9.090909e+01
         1990-03-29
                      MSFT
                              0.77
                                               0.78
                                                        0.76
                                                                449900 -4.761905e+01
## 8212
                                       0.77
## 8213
         1990-03-29
                    ^IXIC
                            436.20
                                     435.40
                                             436.70
                                                      434.60
                                                                     0 5.644545e+04
## 8214
         1990-03-30
                      AAPL
                              1.44
                                       1.44
                                                1.46
                                                        1.43
                                                              1994200 -9.966927e+01
## 8215
         1990-03-30
                      MSFT
                              0.77
                                       0.77
                                               0.77
                                                        0.76
                                                               254800 -4.652778e+01
## 8216
         1990-03-30
                     ^IXIC
                            434.70
                                     435.50
                                             436.00
                                                      433.20
                                                                    0 5.645844e+04
## 8217
         1990-04-02
                      AAPL
                              1.44
                                       1.44
                                                        1.41
                                                              1328300 -9.966935e+01
                                                1.45
## 8218
         1990-04-02
                      MSFT
                              0.77
                                       0.77
                                               0.78
                                                        0.76
                                                               514300 -4.652778e+01
         1990-04-02 ^IXIC
## 8219
                            431.60
                                     433.20
                                             434.10
                                                      430.80
                                                                     0 5.615974e+04
## 8220
         1990-04-03
                      AAPL
                               1.49
                                       1.49
                                                1.49
                                                        1.45
                                                              1247400 -9.965605e+01
## 8221
         1990-04-03 ^IXIC
                            434.70
                                     437.70
                                             437.70
                                                      434.00
                                                                     0 2.927584e+04
                                                        0.78
## 8222
                      MSFT
                              0.81
                                                               587800 -9.981494e+01
         1990-04-03
                                       0.81
                                               0.81
## 8223
         1990-04-04
                     ^IXIC
                            438.20
                                     435.40
                                             438.30
                                                      434.90
                                                                     0 5.365309e+04
         1990-04-04
## 8224
                              1.47
                                       1.47
                                               1.50
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                      AAPL
## 8225
         1990-04-04
                      MSFT
                              0.81
                                       0.81
                                               0.82
                                                        0.80
                                                               553100 -4.489796e+01
## 8226
         1990-04-05
                     ^IXIC
                            433.42
                                     433.42
                                             433.42
                                                      433.42
                                                                     0 5.340864e+04
## 8227
         1990-04-05
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                              1.44
                                       1.44
                                                1.47
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         1990-04-05
                      MSFT
                              0.80
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                                               0.81
                                                        0.80
                                                                460900 -4.44444e+01
## 8228
                     ^IXIC
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## 8229
         1990-04-06
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                                             433.90
                                                                     0 5.376250e+04
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## 8231
         1990-04-06
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                                       0.79
                                               0.80
                                                        0.79
                                                               506100 -4.436620e+01
                                                      429.90
## 8232
         1990-04-09
                     ^IXIC
                            430.60
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                                                                     0 5.435570e+04
## 8233
         1990-04-09
                      AAPL
                              1.47
                                       1.47
                                                1.48
                                                        1.41
                                                                941800 -9.965830e+01
                      MSFT
                                                        0.79
## 8234
         1990-04-09
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                                                               216500 -4.557823e+01
## 8235
         1990-04-10
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                                       1.47
                                               1.50
                                                        1.46
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## 8236
                      MSFT
                              0.82
                                                        0.80
                                                               313800 -4.421769e+01
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                                               0.82
## 8237
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                    ^IXIC
                            430.00
                                     431.90
                                             432.10
                                                      429.90
                                                                     0 5.257073e+04
## 8238
         1990-04-11
                      MSFT
                              0.84
                                       0.84
                                               0.84
                                                        0.82
                                                                488700 -9.980551e+01
                                     433.50
                                             433.80
                                                      432.30
## 8239
         1990-04-11
                     ^IXIC
                            432.60
                                                                     0 5.150714e+04
## 8240
         1990-04-11
                      AAPL
                              1.52
                                       1.52
                                               1.54
                                                        1.48
                                                              1903200 -9.964937e+01
## 8241
         1990-04-12
                      MSFT
                              0.84
                                       0.84
                                               0.85
                                                        0.83
                                                               335100 -4.473684e+01
## 8242
         1990-04-12 ^IXIC
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                                     436.30
                                             436.80
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                                                                    0 5.184048e+04
```

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                                        1.54
                                                1.57
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                                                               1891100 -9.964703e+01
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                      MSFT
                                                         0.84
                                                                548200 -4.545455e+01
## 8244
         1990-04-16
                                        0.84
                                                0.86
                                                       436.20
## 8245
         1990-04-16 ^IXIC
                             438.40
                                     436.70
                                              438.50
                                                                      0 5.188810e+04
## 8246
         1990-04-16
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                                                1.58
                                                         1.54
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##
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                                                                         2.817273e+04
## 8250
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                                                1.56
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                                        0.84
                                                0.86
                                                         0.82
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                                     431.50
                                              436.10
                                                       431.30
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                                        1.44
                                                1.54
                                                         1.43
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                                     429.00
                                              431.00
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## 8256
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                                                1.48
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                      MSFT
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                                        0.82
                                                0.84
                                                         0.82
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         1990-04-20
## 8258
         1990-04-20
                     ^IXIC
                             429.70
                                     425.80
                                              429.80
                                                       424.90
                                                                         5.182683e+04
                                                                      0
                               0.82
                                                0.83
                                                                901100 -9.980742e+01
  8259
         1990-04-23
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                                                         0.80
  8260
         1990-04-23
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                             423.40
                                     420.10
                                              425.30
                                                       418.20
                                                                         5.113171e+04
                                                                      0
                      AAPL
                                                         1.41
  8261
         1990-04-23
                               1.42
                                        1.42
                                                1.45
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## 8262
         1990-04-24
                     ^IXIC
                             421.70
                                     419.20
                                              422.30
                                                       418.70
                                                                      0
                                                                         2.942113e+04
##
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                                        1.38
                                                1.45
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  8264
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                                                0.83
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## 8265
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                             420.00
                                     420.60
                                              420.70
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         1990-04-25
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## 8267
         1990-04-25
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                                        0.81
                                                0.82
                                                         0.79
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         1990-04-26
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                                              422.00
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## 8269
         1990-04-26
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                                        1.39
                                                1.41
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  8270
         1990-04-26
                      MSFT
                               0.80
                                        0.80
                                                0.82
                                                         0.80
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## 8271
         1990-04-27
                                                1.41
                      AAPL
                               1.40
                                        1.40
                                                         1.38
                                                               1039400 7.500000e+01
## 8272
         1990-04-27
                      MSFT
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                                        0.78
                                                0.80
                                                         0.77
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                     ^IXIC
## 8273
         1990-04-27
                             420.60
                                     418.00
                                              421.40
                                                       417.50
                                                                      0
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## 8274
         1990-04-30
                      MSFT
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                                        0.81
                                                0.81
                                                         0.77
                                                                714600 -9.980622e+01
## 8275
         1990-04-30
                     ^IXIC
                             417.50
                                     420.10
                                              420.10
                                                       417.00
                                                                      0 5.176420e+04
                      AAPL
## 8276
                                                         1.39
         1990-04-30
                               1.41
                                        1.41
                                                1.42
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  8277
         1990-05-01
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                                        0.79
                                                0.82
                                                         0.79
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                             422.00
##
  8278
         1990-05-01 ^IXIC
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                                              422.20
                                                      420.70
                                                                      0 5.330506e+04
## 8279
         1990-05-01
                      AAPI
                               1.42
                                        1.42
                                                1.43
                                                         1.41
                                                               1460800 -9.966343e+01
## 8280
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                                                         0.80
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  8281
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                                     423.60
                                              423.60
                                                       422.30
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                                                                      0
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                                                1.43
                                                               1209200 -9.966478e+01
## 8282
         1990-05-02
                      AAPL
                                        1.42
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                                        0.82
                                                0.83
                                                         0.81
  8284
         1990-05-03
                     ^IXIC
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                                     425.40
                                              426.60
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   8285
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                                        1.43
                                                1.44
                                                         1.42
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  8286
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                     ^IXIC
                             427.40
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                                              428.60
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                                                                      0
## 8287
         1990-05-04
                      AAPL
                               1.43
                                        1.43
                                                1.46
                                                         1.40
                                                               1513700 -9.966636e+01
                      MSFT
## 8288
         1990-05-04
                               0.86
                                        0.86
                                                0.86
                                                         0.82
                                                                664100 -3.986014e+01
## 8289
         1990-05-07
                      AAPL
                               1.48
                                        1.48
                                                1.49
                                                         1.42
                                                               1214200
                                                                         7.209302e+01
                               0.89
## 8290
         1990-05-07
                      MSFT
                                        0.89
                                                0.92
                                                         0.85
                                                               1352100 -3.986486e+01
## 8291
         1990-05-07
                                              431.60
                                                       429.10
                     ^IXIC
                             429.30
                                     431.20
                                                                      0 4.834944e+04
## 8292
         1990-05-08
                      AAPL
                               1.49
                                        1.49
                                                1.50
                                                         1.46
                                                               1004100 -9.965445e+01
## 8293
         1990-05-08
                      MSFT
                               0.87
                                        0.87
                                                0.88
                                                         0.86
                                                                705900 -4.161074e+01
## 8294
         1990-05-08
                     ^IXIC
                             431.10
                                     431.80
                                              431.90
                                                       430.70
                                                                      0 4.953218e+04
## 8295
         1990-05-09
                      AAPL
                               1.50
                                        1.50
                                                1.50
                                                         1.47
                                                                 868200 -9.965262e+01
## 8296
         1990-05-09
                      MSFT
                               0.87
                                        0.87
                                                0.88
                                                         0.86
                                                                488400 -4.200000e+01
```

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## 8297
         1990-05-09 ^IXIC
                            431.40
                                     431.30
                                              431.90
                                                      430.50
                                                                     0 4.947471e+04
                               1.48
## 8298
         1990-05-10
                      AAPL
                                       1.48
                                                1.49
                                                        1.45
                                                               1598600 -9.965685e+01
                                     433.20
## 8299
         1990-05-10 ^IXIC
                            431.80
                                              433.50
                                                      431.10
                                                                     0 2.917027e+04
  8300
                      MSFT
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                                       0.90
                                                0.90
                                                        0.87
                                                                677800 -9.979224e+01
         1990-05-10
   8301
         1990-05-11
                     ^IXIC
                            434.50
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                                              438.20
                                                      433.80
                                                                     0
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                                                1.53
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                                                        1.46
                      MSFT
  8303
         1990-05-11
                               0.91
                                       0.91
                                                0.92
                                                        0.88
                                                                682900 -4.013158e+01
         1990-05-14 ^IXIC
## 8304
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                                     441.60
                                              443.10
                                                      438.80
                                                                     0 4.842747e+04
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                               1.49
                                       1.49
                                                1.53
                                                        1.47
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                               0.91
                                                0.92
## 8306
         1990-05-14
                      MSFT
                                       0.91
                                                        0.91
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  8307
         1990-05-15
                     ^IXIC
                            441.00
                                     442.50
                                              442.60
                                                      440.00
                                                                     0 4.852637e+04
## 8308
                      AAPL
         1990-05-15
                               1.49
                                       1.49
                                                1.50
                                                        1.46
                                                               1333800 -9.966328e+01
   8309
         1990-05-15
                      MSFT
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                                       0.90
                                                0.91
                                                        0.89
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                                                                779500 6.44444e+01
## 8310
         1990-05-16
                      AAPL
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                                       1.48
                                                1.49
                                                        1.46
## 8311
                      MSFT
                               0.90
                                       0.90
                                                0.90
                                                        0.88
                                                                535500 -3.918919e+01
         1990-05-16
## 8312
         1990-05-16
                     ^IXIC
                            442.30
                                     442.90
                                              442.90
                                                      440.40
                                                                     0 4.911111e+04
                               0.90
                                                0.91
                                                                579600 -9.979679e+01
## 8313
         1990-05-17
                      MSFT
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                                                         0.89
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         1990-05-17 ^IXIC
                            445.00
                                     445.70
                                              445.70
                                                      443.40
                                                                     0 4.94222e+04
                      AAPL
## 8315
         1990-05-17
                               1.48
                                       1.48
                                                1.51
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                                                               1371300 -9.966794e+01
## 8316
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                      MSFT
                               0.95
                                       0.95
                                                0.96
                                                        0.90
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##
  8317
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                                     448.30
                                              448.50
                                                      445.00
                                                                     0 4.708947e+04
  8318
         1990-05-18
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                                                1.48
                                                         1.41
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                                       1.42
## 8319
                      MSFT
                                                1.00
                                                        0.95
                                                               2216600 -3.098592e+01
         1990-05-21
                               0.98
                                       0.98
                                              452.90
## 8320
         1990-05-21 ^IXIC
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                                     452.90
                                                      448.40
                                                                     0
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## 8321
         1990-05-21
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                               1.41
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                                                1.43
                                                         1.38
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## 8322
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                                                      452.20
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                               1.48
                                       1.48
                                                1.48
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                     ^IXIC
## 8327
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                                                      453.20
                                                                     0 4.341429e+04
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                                                1.51
                                                        1.48
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         1990-05-24
                      MSFT
                               1.06
                                       1.06
                                                1.09
                                                         1.06
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## 8330
                     ^IXIC
                                                      457.10
         1990-05-24
                            457.50
                                     458.30
                                              458.90
                                                                     0 4.313585e+04
## 8331
         1990-05-25
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                                       1.43
                                                1.46
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                               1.03
                                                1.06
##
                                       1.03
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                                                               1454000 -2.797203e+01
## 8333
         1990-05-25
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                            454.60
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                                              456.20
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                                                                     0 4.394854e+04
## 8334
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                      AAPL
                               1.46
                                       1.46
                                                1.47
                                                         1.40
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## 8335
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                                       1.05
                                                1.05
                                                         1.03
         1990-05-29
## 8336
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                            454.10
                                     457.50
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                                                      453.70
                                                                     0 4.347143e+04
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  8337
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                              1.05
                                       1.05
                                                1.06
                                                         1.04
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                     ^IXIC
## 8338
         1990-05-30
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                                     458.80
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                                                      457.70
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                                       1.48
                                                1.49
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## 8340
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                                     459.00
                                              460.00
                                                      457.50
                                                                     0 3.091351e+04
## 8341
         1990-05-31
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                               1.47
                                       1.47
                                                1.48
                                                        1.46
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## 8342
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                               1.01
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                                                         1.01
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                                       1.01
## 8343
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                                              462.50
                                                      459.50
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                                       1.46
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                                                1.05
## 8345
         1990-06-01
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                                                        1.01
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## 8346
         1990-06-04
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                                                      460.50
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                      AAPL
                                       1.46
##
  8347
         1990-06-04
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## 8348
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                               1.07
                                       1.07
                                                1.07
                                                        1.03
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## 8349
         1990-06-05 ^IXIC
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                                     464.60
                                              467.60
                                                      464.00
                                                                     0 4.332056e+04
## 8350
         1990-06-05
                      MSFT
                               1.02
                                       1.02
                                                1.08
                                                        1.01 1114700 -9.978046e+01
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## 9052
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                                                     572.18
                                                                    0 2.583394e+04
## 10007 1992-08-10
                      AAPL
                              1.58
                                      1.58
                                               1.59
                                                       1.54
                                                               816500 -9.972433e+01
## 10008 1992-08-11 ^IXIC
                            573.71
                                    571.60
                                            574.58
                                                     570.03
                                                                    0 3.607722e+04
## 10009 1992-08-11
                      AAPL
                              1.55
                                               1.59
                                                       1.54
                                                             1083100 -9.972883e+01
                                      1.55
## 10010 1992-08-11
                     MSFT
                              2.23
                                               2.25
                                                             1044800 4.387097e+01
                                      2.23
                                                       2.19
## 10011 1992-08-12 ^IXIC
                            572.46
                                    570.85
                                            573.06
                                                     570.80
                                                                    0 2.549865e+04
## 10012 1992-08-12
                     AAPL
                              1.58
                                                             1071300 -9.972322e+01
                                      1.58
                                               1.58
                                                       1.54
## 10013 1992-08-12
                      MSFT
                              2.22
                                      2.22
                                               2.27
                                                       2.21
                                                               957300 4.050633e+01
                     MSFT
## 10014 1992-08-13
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                                      2.21
                                               2.24
                                                       2.20
                                                               882100 -4.504505e-01
## 10015 1992-08-13
                      AAPL
                              1.60
                                      1.60
                                               1.63
                                                       1.58
                                                             1526700 -2.760181e+01
## 10016 1992-08-13 ^IXIC
                            571.87
                                    570.99
                                            572.44
                                                     570.57
                                                                    0 3.558688e+04
## 10017 1992-08-14
                      AAPL
                              1.60
                                      1.60
                                               1.62
                                                       1.59
                                                             1215200 -9.971978e+01
## 10018 1992-08-14 ^IXIC
                            571.00
                                    573.18
                                            573.18
                                                     571.00
                                                                    0 3.572375e+04
## 10019 1992-08-14
                     MSFT
                              2.22
                                      2.22
                                               2.24
                                                       2.21
                                                             1060700 -9.961269e+01
## 10020 1992-08-17
                      MSFT
                              2.17
                                      2.17
                                               2.22
                                                       2.17
                                                             1978700 -2.252252e+00
## 10021 1992-08-17
                                                             1149200 -2.626728e+01
                      AAPL
                              1.60
                                      1.60
                                               1.60
                                                       1.56
## 10022 1992-08-17 ^IXIC
                            573.42
                                    572.47
                                             573.61
                                                     571.67
                                                                    0 3.567938e+04
## 10023 1992-08-18 MSFT
                              2.17
                                      2.17
                                               2.21
                                                       2.13
                                                             2072300 -9.962094e+01
## 10024 1992-08-18 ^IXIC 571.08 570.87 572.45 570.15
                                                                    0 2.620737e+04
```

```
## 10025 1992-08-18
                    AAPL
                              1.60
                                      1.60
                                               1.62
                                                       1.59 1002800 -9.971973e+01
                     MSFT
## 10026 1992-08-19
                              2.16
                                      2.16
                                               2.20
                                                       2.15
                                                               857300 3.500000e+01
                                                       1.59
## 10027 1992-08-19
                      AAPL
                              1.59
                                      1.59
                                               1.62
                                                             1522700 -2.638889e+01
## 10028 1992-08-19 ^IXIC
                            571.32
                                    567.61
                                            571.68
                                                     567.61
                                                                    0 3.559874e+04
## 10029 1992-08-20
                      AAPL
                              1.60
                                      1.60
                                               1.61
                                                       1.58
                                                               972400 -9.971812e+01
## 10030 1992-08-20
                     MSFT
                              2.20
                                      2.20
                                               2.21
                                                             1141800 3.750000e+01
                                                       2.16
## 10031 1992-08-20 ^IXIC
                            567.92
                                    567.86
                                             568.56
                                                     565.98
                                                                    0 2.571182e+04
                     AAPL
## 10032 1992-08-21
                              1.60
                                      1.60
                                               1.62
                                                       1.57
                                                               977400 -9.971824e+01
## 10033 1992-08-21
                     MSFT
                              2.18
                                      2.18
                                               2.21
                                                       2.16
                                                             1647200
                                                                       3.625000e+01
                                             570.66
## 10034 1992-08-21 ^IXIC
                            570.11
                                    563.70
                                                     562.42
                                                                    0 2.575780e+04
## 10035 1992-08-24 ^IXIC
                            559.27
                                    555.39
                                             561.89
                                                     554.94
                                                                    0 -1.474188e+00
## 10036 1992-08-24
                      AAPL
                                               1.60
                                                             1358700 -9.972272e+01
                              1.54
                                      1.54
                                                       1.54
## 10037 1992-08-24
                      MSFT
                              2.16
                                      2.16
                                               2.19
                                                       2.15
                                                             1335300 4.025974e+01
                     ^IXIC
                                             555.03
## 10038 1992-08-25
                            554.64
                                    554.22
                                                     550.36
                                                                    0 2.555833e+04
                                                             1181800 -9.971491e+01
## 10039 1992-08-25
                      AAPL
                              1.58
                                      1.58
                                               1.59
                                                       1.54
## 10040 1992-08-25
                      MSFT
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                                      2.20
                                               2.21
                                                       2.14
                                                             1160100
                                                                       3.924051e+01
                            555.03
                                            559.04
                                                     554.93
## 10041 1992-08-26
                    ^IXIC
                                    558.80
                                                                    0 2.530000e+04
## 10042 1992-08-26
                      AAPL
                              1.58
                                      1.58
                                               1.59
                                                       1.54
                                                             1080900 -9.971725e+01
## 10043 1992-08-26
                                               2.26
                     MSFT
                              2.24
                                      2.24
                                                       2.20
                                                             1563000 4.177215e+01
## 10044 1992-08-27
                      AAPL
                              1.59
                                      1.59
                                               1.61
                                                       1.58
                                                               738800 -2.901786e+01
## 10045 1992-08-27
                    ^IXIC
                            562.56
                                    563.27
                                             564.27
                                                     561.11
                                                                    0 3.532579e+04
## 10046 1992-08-27
                      MSFT
                              2.30
                                      2.30
                                               2.31
                                                       2.25
                                                             2750900 -9.959167e+01
## 10047 1992-08-28
                     MSFT
                              2.32
                                                             1545900 8.695652e-01
                                      2.32
                                               2.33
                                                       2.30
## 10048 1992-08-28 ^IXIC
                                             563.90
                            562.81
                                    563.56
                                                     562.31
                                                                    0
                                                                       2.419138e+04
## 10049 1992-08-28
                      AAPL
                              1.61
                                      1.61
                                               1.62
                                                       1.57
                                                               546800 -9.971432e+01
## 10050 1992-08-31 ^IXIC
                            562.87
                                    563.12
                                            564.08
                                                     561.36
                                                                    0 3.487640e+04
## 10051 1992-08-31
                      AAPL
                              1.64
                                      1.64
                                               1.65
                                                       1.60
                                                             1081400 -9.970877e+01
## 10052 1992-08-31
                      MSFT
                              2.33
                                      2.33
                                               2.34
                                                       2.30
                                                               801600 4.207317e+01
## 10053 1992-09-01
                     MSFT
                              2.33
                                      2.33
                                               2.33
                                                       2.29
                                                               963300 0.000000e+00
## 10054 1992-09-01
                      AAPL
                              1.66
                                      1.66
                                               1.66
                                                       1.63
                                                               538300 -2.875536e+01
## 10055 1992-09-01 ^IXIC
                            562.51
                                    565.61
                                             565.64
                                                     562.36
                                                                    0 3.397289e+04
## 10056 1992-09-02
                     MSFT
                              2.36
                                      2.36
                                               2.37
                                                       2.30
                                                             1936100 -9.958275e+01
## 10057 1992-09-02 ^IXIC
                            566.49
                                    571.25
                                             571.47
                                                     565.74
                                                                    0 2.410551e+04
                     AAPL
                              1.73
                                                       1.66
## 10058 1992-09-02
                                      1.73
                                               1.74
                                                             1695500 -9.969716e+01
## 10059 1992-09-03
                      MSFT
                              2.39
                                      2.39
                                               2.41
                                                       2.36
                                                             2665500
                                                                       3.815029e+01
## 10060 1992-09-03 ^IXIC
                            572.48
                                    574.88
                                            575.79
                                                     572.22
                                                                    0 2.395356e+04
## 10061 1992-09-03
                      AAPL
                              1.71
                                      1.71
                                               1.76
                                                       1.71
                                                             1891600 -9.970255e+01
## 10062 1992-09-04
                     MSFT
                              2.38
                                      2.38
                                               2.39
                                                       2.36
                                                               893300 3.918129e+01
## 10063 1992-09-04 ^IXIC
                            573.36
                                    573.44
                                            574.76
                                                                       2.399412e+04
                                                     572.65
                                                                    0
## 10064 1992-09-04
                      AAPL
                              1.69
                                      1.69
                                               1.72
                                                       1.67
                                                               564600 -9.970529e+01
## 10065 1992-09-08
                      AAPL
                              1.71
                                      1.71
                                               1.71
                                                       1.66
                                                               625000 1.183432e+00
## 10066 1992-09-08
                     MSFT
                              2.40
                                      2.40
                                               2.40
                                                       2.35
                                                             1543000 4.035088e+01
## 10067 1992-09-08 ^IXIC
                            572.72
                                    571.17
                                             573.04
                                                     569.51
                                                                    0
                                                                       2.369875e+04
                                                              1403600 -9.969361e+01
## 10068 1992-09-09
                      AAPL
                              1.75
                                               1.76
                                      1.75
                                                       1.71
## 10069 1992-09-09 ^IXIC
                            571.56
                                    574.89
                                             575.04
                                                     571.00
                                                                    0 3.275086e+04
                              2.44
## 10070 1992-09-09
                      MSFT
                                      2.44
                                               2.45
                                                       2.39
                                                             1905700 -9.957557e+01
## 10071 1992-09-10
                      MSFT
                              2.47
                                      2.47
                                               2.47
                                                       2.42
                                                             1665700 1.229508e+00
## 10072 1992-09-10 ^IXIC
                            575.68
                                    581.24
                                            581.27
                                                     575.13
                                                                    0 2.343198e+04
                              1.76
## 10073 1992-09-10
                      AAPL
                                      1.76
                                               1.77
                                                       1.70
                                                             2037300 -9.969720e+01
## 10074 1992-09-11
                      MSFT
                              2.46
                                      2.46
                                               2.48
                                                       2.44
                                                               962400
                                                                       3.977273e+01
## 10075 1992-09-11 ^IXIC
                            582.21
                                    583.01
                                            584.01
                                                     581.36
                                                                    0
                                                                       2.359959e+04
## 10076 1992-09-11
                     AAPL
                              1.70
                                      1.70
                                               1.76
                                                       1.70
                                                             1606100 -9.970841e+01
## 10077 1992-09-14
                     AAPL
                              1.77
                                      1.77
                                               1.79
                                                       1.73
                                                             1916800 4.117647e+00
## 10078 1992-09-14 MSFT
                              2.55
                                      2.55
                                               2.56
                                                       2.49 2971900 4.406780e+01
```

```
## 10079 1992-09-14 ^IXIC 587.99 594.21 594.21 586.15
                                                             0 2.320235e+04
## 10080 1992-09-15 ^IXIC
                         590.45
                                 587.86 592.53 586.39
                                                              0 -1.068646e+00
## 10081 1992-09-15 AAPL
                                   1.72
                           1.72
                                         1.76
                                                 1.71 1951100 -9.970741e+01
                    MSFT
                                                        1394200 4.767442e+01
## 10082 1992-09-15
                            2.54
                                   2.54
                                           2.55
                                                  2.50
## 10083 1992-09-16 ^IXIC
                         583.40
                                 585.89 588.03
                                                582.16
                                                               0
                                                                 2.296654e+04
## 10084 1992-09-16
                   AAPL
                           1.68
                                   1.68
                                           1.72
                                                  1.66 1595700 -9.971326e+01
## 10085 1992-09-16
                    MSFT
                                   2.51
                                           2.55
                                                  2.48 1115900 4.940476e+01
                            2.51
                                                 1.62 1539600 -3.466135e+01
## 10086 1992-09-17
                    AAPL
                            1.64
                                  1.64
                                           1.69
## 10087 1992-09-17
                    MSFT
                            2.54
                                   2.54
                                           2.55
                                                 2.51
                                                          737200 5.487805e+01
                                 587.82
                                        589.21
                                                586.70
## 10088 1992-09-17 ^IXIC
                          587.77
                                                              0 2.304252e+04
## 10089 1992-09-18 MSFT
                            2.50
                                  2.50
                                           2.55
                                                 2.45
                                                         2240100 -9.957470e+01
## 10090 1992-09-18 ^IXIC
                                                          0 2.346480e+04
                          587.53
                                 589.12 589.13
                                                586.51
## 10091 1992-09-18
                    AAPL
                           1.66
                                  1.66
                                           1.67
                                                  1.62 1032200 -9.971822e+01
                   MSFT
                            2.47
                                   2.47
                                           2.48
                                                 2.45
                                                         994100 4.879518e+01
## 10092 1992-09-21
## 10093 1992-09-21 ^IXIC
                         588.24
                                 588.58 588.90 586.59
                                                             0 2.372915e+04
## 10094 1992-09-21
                   AAPL
                           1.66
                                   1.66
                                          1.71
                                                  1.65
                                                          800700 -9.971797e+01
## 10095 1992-09-22
                    MSFT
                            2.43
                                   2.43
                                           2.47
                                                   2.42
                                                          961800 4.638554e+01
## 10096 1992-09-22
                   AAPL
                            1.63
                                   1.63
                                           1.67
                                                  1.62
                                                          995900 -3.292181e+01
## 10097 1992-09-22 ^IXIC
                         588.44
                                 583.00 588.86
                                                582.27
                                                              0 3.566687e+04
## 10098 1992-09-23
                    AAPL
                          1.70
                                  1.70
                                          1.70
                                                 1.63 1106900 -9.970840e+01
## 10099 1992-09-23 ^IXIC
                          581.93
                                 582.96
                                        583.43
                                                580.34
                                                              0 3.419176e+04
## 10100 1992-09-23
                    MSFT
                            2.47
                                  2.47
                                           2.49
                                                  2.42 1176700 -9.957630e+01
## 10101 1992-09-24
                    AAPL
                            1.65
                                   1.65
                                           1.71
                                                   1.65 1121900 -3.319838e+01
## 10102 1992-09-24 ^IXIC
                          584.47
                                 585.93
                                        586.04 583.55
                                                               0 3.541091e+04
                    MSFT
                            2.51
                                   2.51
                                           2.52
## 10103 1992-09-24
                                                   2.48 1154800 -9.957162e+01
## 10104 1992-09-25
                    AAPL
                            1.63
                                   1.63
                                           1.66
                                                  1.62 1227400 -3.505976e+01
## 10105 1992-09-25 ^IXIC
                          585.47
                                 577.20
                                        586.56
                                                574.74
                                                             0 3.531104e+04
                    MSFT
                                                        1306800 -9.957380e+01
## 10106 1992-09-25
                            2.46
                                  2.46
                                           2.51
                                                  2.38
## 10107 1992-09-28 ^IXIC
                         574.99
                                 575.34 575.63 573.14
                                                             0 2.328780e+04
                    MSFT
## 10108 1992-09-28
                            2.41
                                  2.41
                                           2.45
                                                  2.38 1651700 -9.958112e+01
## 10109 1992-09-28
                    AAPL
                            1.60
                                   1.60
                                           1.61
                                                  1.56 1335000 -3.360996e+01
## 10110 1992-09-29
                    MSFT
                            2.46
                                  2.46
                                           2.47
                                                  2.41 1231000 5.375000e+01
## 10111 1992-09-29
                    AAPL
                           1.60
                                  1.60
                                           1.63
                                                 1.57 1404200 -3.495935e+01
## 10112 1992-09-29 ^IXIC
                                 577.63 577.78 574.70
                                                             0 3.600188e+04
                         575.10
## 10113 1992-09-30
                    MSFT
                            2.52
                                  2.52
                                           2.52
                                                 2.46
                                                        1870100 -9.956373e+01
## 10114 1992-09-30
                    AAPL
                            1.61
                                   1.61
                                           1.63
                                                   1.59
                                                         893300 -3.611111e+01
## 10115 1992-09-30 ^IXIC
                         578.54
                                 583.27
                                        583.29
                                                578.08
                                                              0 3.612795e+04
## 10116 1992-10-01 MSFT
                            2.49
                                   2.49
                                           2.53
                                                   2.48 1493900 -9.957310e+01
## 10117 1992-10-01
                   AAPL
                            1.58
                                   1.58
                                           1.61
                                                   1.58
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## 10118 1992-10-01 ^IXIC
                          581.08
                                 578.33 582.48 577.83
                                                               0 3.650316e+04
## 10119 1992-10-02 MSFT
                                  2.46
                            2.46
                                           2.49
                                                   2.44 1150100 -9.957464e+01
## 10120 1992-10-02 AAPL
                            1.56
                                   1.56
                                           1.60
                                                   1.54
                                                        1012300 -3.658537e+01
## 10121 1992-10-02 ^IXIC
                          576.60
                                 571.63
                                        578.19
                                                571.41
                                                              0 3.654295e+04
## 10122 1992-10-05 MSFT
                            2.55
                                  2.55
                                                         2229600 -9.955391e+01
                                           2.55
                                                 2.37
## 10123 1992-10-05 ^IXIC
                          565.66
                                 565.21
                                        569.21 551.72
                                                               0 2.206510e+04
                            1.55
                                   1.55
## 10124 1992-10-05
                    AAPL
                                           1.56
                                                 1.48
                                                         2365700 -9.972577e+01
## 10125 1992-10-06
                    MSFT
                            2.58
                                   2.58
                                           2.61
                                                   2.54 2342400 6.645161e+01
## 10126 1992-10-06 ^IXIC
                          566.08
                                 570.55
                                        571.30
                                                565.62
                                                              0 2.201434e+04
## 10127 1992-10-06 AAPL
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                                  1.60
                                           1.61
                                                 1.53 1012900 -9.971957e+01
                                                 2.53 1817300 5.875000e+01
## 10128 1992-10-07 MSFT
                            2.54
                                   2.54
                                           2.63
## 10129 1992-10-07 ^IXIC
                          572.23
                                 569.20 573.79 568.85
                                                             0 2.230945e+04
                                  1.56
## 10130 1992-10-07 AAPL
                           1.56
                                         1.62
                                                 1.55 1011700 -9.972593e+01
## 10131 1992-10-08 MSFT
                            2.61
                                   2.61
                                           2.64
                                                 2.55 1860400 6.730769e+01
## 10132 1992-10-08 ÎXIC 571.76 573.88 574.56 570.46 0 2.188774e+04
```

```
## 10133 1992-10-08 AAPL
                               1.55
                                       1.55
                                                1.58
                                                        1.54 1133700 -9.972991e+01
## 10134 1992-10-09
                      MSFT
                               2.57
                                                               1255700
                                       2.57
                                                2.61
                                                        2.55
                                                                        6.580645e+01
                                             574.15
                                                      569.50
                                                                        2.209922e+04
## 10135 1992-10-09 ^IXIC
                            571.74
                                     570.52
                                                                     0
## 10136 1992-10-09
                      AAPL
                               1.55
                                       1.55
                                                1.57
                                                                524500 -9.972832e+01
                                                        1.54
## 10137 1992-10-12
                      AAPL
                               1.57
                                       1.57
                                                1.58
                                                        1.54
                                                                639600
                                                                        1.290323e+00
## 10138 1992-10-12 ^IXIC
                                                                        3.645032e+04
                            571.40
                                     573.84
                                             573.95
                                                      570.84
                                                                     0
                      MSFT
                                                               1084400 -9.954343e+01
## 10139 1992-10-12
                               2.62
                                       2.62
                                                2.63
                                                        2.59
                      MSFT
## 10140 1992-10-13
                               2.63
                                       2.63
                                                2.67
                                                        2.60
                                                               2707600
                                                                        3.816794e-01
## 10141 1992-10-13 ^IXIC
                            574.52
                                     576.44
                                             577.74
                                                      574.16
                                                                     0
                                                                        2.181787e+04
## 10142 1992-10-13
                      AAPL
                               1.62
                                       1.62
                                                1.64
                                                        1.57
                                                               1314100 -9.971896e+01
## 10143 1992-10-14
                      AAPL
                               1.64
                                       1.64
                                                1.65
                                                        1.61
                                                                854700
                                                                        1.234568e+00
                     ^IXIC
## 10144 1992-10-14
                            575.04
                                     576.22
                                             578.33
                                                      574.74
                                                                     0
                                                                        3.503537e+04
## 10145 1992-10-14
                      MSFT
                               2.61
                                       2.61
                                                2.66
                                                        2.59
                                                               1483000 -9.954705e+01
                            576.02
                                             578.69
                                                                        2.207011e+04
## 10146 1992-10-15 ^IXIC
                                     578.64
                                                      573.89
                                                                     0
## 10147 1992-10-15
                      MSFT
                               2.64
                                                2.65
                                                               1123200 -9.954376e+01
                                       2.64
                                                        2.59
## 10148 1992-10-15
                      AAPL
                               1.63
                                       1.63
                                                1.64
                                                        1.62
                                                                673400 -3.825758e+01
                      MSFT
                               2.67
                                                2.67
                                                               1488900
## 10149 1992-10-16
                                                        2.62
                                                                        6.380368e+01
                                       2.67
## 10150 1992-10-16 ^IXIC
                            577.66
                                     582.61
                                             582.61
                                                      577.62
                                                                     0
                                                                        2.172060e+04
## 10151 1992-10-16
                      AAPL
                               1.75
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                                                1.77
                                                        1.66
                                                              4029700 -9.969963e+01
## 10152 1992-10-19
                      MSFT
                               2.75
                                       2.75
                                                2.76
                                                        2.66
                                                               2602500
                                                                        5.714286e+01
                            583.11
## 10153 1992-10-19 ^IXIC
                                     590.67
                                             590.73
                                                      582.34
                                                                     0
                                                                        2.137891e+04
## 10154 1992-10-19
                                                               1750400 -9.970373e+01
                      AAPL
                               1.75
                                       1.75
                                                1.76
                                                        1.73
## 10155 1992-10-20 ^IXIC
                            593.87
                                     592.70
                                             595.75
                                                      591.39
                                                                     0
                                                                        3.376857e+04
## 10156 1992-10-20
                                                               2564700 -9.970474e+01
                      AAPL
                               1.75
                                       1.75
                                                1.79
                                                        1.73
                      MSFT
## 10157 1992-10-20
                               2.75
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                                                2.80
                                                        2.72
                                                              2629700 5.714286e+01
## 10158 1992-10-21
                      AAPL
                               1.73
                                       1.73
                                                1.77
                                                        1.71
                                                               1020100 -3.709091e+01
## 10159 1992-10-21
                      MSFT
                               2.81
                                                2.81
                                                        2.74
                                                               1887400
                                       2.81
                                                                        6.242775e+01
## 10160 1992-10-21
                     ^IXIC
                            594.25
                                     597.15
                                             597.37
                                                      593.14
                                                                     0
                                                                        2.115089e+04
## 10161 1992-10-22
                      MSFT
                               2.80
                                       2.80
                                                2.82
                                                               1535200 -9.953111e+01
                                                        2.76
## 10162 1992-10-22
                     ^IXIC
                            596.47
                                     597.12
                                             597.71
                                                      594.89
                                                                     0
                                                                        2.122571e+04
## 10163 1992-10-22
                      AAPL
                               1.74
                                       1.74
                                                1.76
                                                        1.72
                                                                754200 -9.970860e+01
## 10164 1992-10-23
                      AAPL
                               1.74
                                       1.74
                                                1.77
                                                        1.72
                                                                816300
                                                                        0.000000e+00
## 10165 1992-10-23 ^IXIC
                            598.25
                                     597.30
                                             599.09
                                                      596.74
                                                                        3.422759e+04
                                                                     0
                      MSFT
                              2.77
                                                2.82
                                                        2.76
## 10166 1992-10-23
                                       2.77
                                                               1438000 -9.953625e+01
## 10167 1992-10-26
                     ^IXIC
                            596.62
                                     598.92
                                             599.00
                                                      595.82
                                                                        2.152166e+04
                                                                     0
## 10168 1992-10-26
                      AAPL
                               1.84
                                                1.84
                                                              2238300 -9.969278e+01
                                       1.84
                                                        1.73
## 10169 1992-10-26
                      MSFT
                               2.81
                                       2.81
                                                2.82
                                                        2.74
                                                              1253800
                                                                       5.271739e+01
## 10170 1992-10-27
                      AAPL
                               1.84
                                                1.88
                                                        1.82
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                                       1.84
## 10171 1992-10-27
                      MSFT
                               2.75
                                                2.82
                                                        2.73
                                                               1534900
                                                                        4.945652e+01
                                       2.75
## 10172 1992-10-27 ^IXIC
                                             600.44
                                                      595.10
                            598.50
                                     596.95
                                                                     0
                                                                        2.160727e+04
                      MSFT
## 10173 1992-10-28
                               2.77
                                       2.77
                                                2.77
                                                        2.73
                                                              1130400 -9.953597e+01
## 10174 1992-10-28
                     ^IXIC
                            596.81
                                     601.39
                                             601.54
                                                      596.12
                                                                        2.161083e+04
                                                                     0
## 10175 1992-10-28
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                               1.87
                                       1.87
                                                1.88
                                                        1.81
                                                               1755300 -9.968905e+01
## 10176 1992-10-29
                     ^IXIC
                            603.26
                                     605.82
                                             606.37
                                                      602.64
                                                                        3.229679e+04
                                                                     0
                      MSFT
## 10177 1992-10-29
                               2.81
                                       2.81
                                                2.81
                                                        2.77
                                                               1024200 -9.953617e+01
## 10178 1992-10-29
                      AAPL
                               1.90
                                                1.93
                                                               1904800 -3.238434e+01
                                       1.90
                                                        1.84
## 10179 1992-10-30
                      MSFT
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                                       2.77
                                                2.81
                                                        2.77
                                                                781200
                                                                        4.578947e+01
## 10180 1992-10-30 ^IXIC
                            605.99
                                     605.17
                                             606.58
                                                      602.43
                                                                     0
                                                                        2.174729e+04
                               1.88
## 10181 1992-10-30
                      AAPL
                                       1.88
                                                1.91
                                                        1.86
                                                               1159200 -9.968934e+01
## 10182 1992-11-02
                      MSFT
                               2.80
                                       2.80
                                                2.81
                                                        2.74
                                                                971600
                                                                        4.893617e+01
                                     607.57
                                             607.59
## 10183 1992-11-02 ^IXIC
                            603.76
                                                      603.62
                                                                     0
                                                                        2.159893e+04
## 10184 1992-11-02
                      AAPL
                               1.87
                                       1.87
                                                1.88
                                                        1.85
                                                              1518700 -9.969222e+01
## 10185 1992-11-03
                      AAPL
                               1.86
                                                1.88
                                                              1006700 -5.347594e-01
                                       1.86
                                                        1.84
## 10186 1992-11-03 MSFT
                               2.76
                                       2.76
                                                2.80
                                                        2.74 1102100 4.838710e+01
```

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## 10187 1992-11-03 ^IXIC 606.69 604.58 608.31 603.60
                                                              0 2.180507e+04
## 10188 1992-11-04 MSFT
                             2.77
                                     2.77
                                             2.80
                                                     2.75
                                                            739300 -9.954183e+01
## 10189 1992-11-04 AAPL
                                     1.88
                             1.88
                                             1.88
                                                     1.86
                                                          1217500 -3.212996e+01
## 10190 1992-11-04 ^IXIC
                          604.44
                                   605.52 606.31
                                                  603.31
                                                                 0 3.210851e+04
## 10191 1992-11-05 ^IXIC
                          605.94
                                   614.08 614.16
                                                  605.39
                                                                 0
                                                                   1.413661e+00
## 10192 1992-11-05
                     AAPL
                            1.96
                                     1.96
                                             1.96
                                                     1.88
                                                          2661200 -9.968082e+01
                     MSFT
                             2.87
                                     2.87
                                             2.88
                                                     2.76
## 10193 1992-11-05
                                                          2823800 4.642857e+01
                     AAPL
## 10194 1992-11-06
                             1.99
                                     1.99
                                             2.02
                                                     1.96
                                                          2356900 -3.066202e+01
## 10195 1992-11-06
                     MSFT
                             2.90
                                     2.90
                                             2.91
                                                     2.85
                                                           1911100 4.572864e+01
## 10196 1992-11-06 ^IXIC
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                          614.05
                                   616.82
                                                  612.70
                                                                 0 2.116966e+04
## 10197 1992-11-09
                     AAPL
                             1.97
                                    1.97
                                             2.00
                                                    1.96
                                                           1008300 -9.968062e+01
                    MSFT
## 10198 1992-11-09
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                                     2.87
                                             2.90
                                                     2.83
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## 10199 1992-11-09 ^IXIC
                           616.84
                                   622.05
                                          622.48
                                                  616.01
                                                                 0 2.157422e+04
## 10200 1992-11-10 AAPL
                             2.01
                                     2.01
                                             2.02
                                                           1091300 -9.967687e+01
                                                    1.96
## 10201 1992-11-10 ^IXIC
                           624.10
                                   627.76
                                          628.15
                                                  622.73
                                                                 0 3.113184e+04
## 10202 1992-11-10 MSFT
                             2.90
                                    2.90
                                             2.91
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                    AAPL
                             2.03
                                     2.03
                                             2.08
                                                           1253800 -3.000000e+01
## 10203 1992-11-11
                                                     2.01
## 10204 1992-11-11 MSFT
                             2.93
                                    2.93
                                             2.97
                                                     2.88
                                                           1898400 4.433498e+01
## 10205 1992-11-11 ^IXIC
                          629.18
                                   634.92 635.11 628.26
                                                                0 2.156962e+04
## 10206 1992-11-12 ^IXIC
                          636.02
                                   634.37 637.09
                                                   633.34
                                                                0 -8.662509e-02
                             2.03
                                             2.05
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## 10207 1992-11-12
                    AAPL
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## 10208 1992-11-12
                    MSFT
                             2.92
                                     2.92
                                             2.95
                                                     2.88
                                                          1467500 4.384236e+01
## 10209 1992-11-13 ^IXIC
                                                                0 2.172055e+04
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                                   637.16 637.16
                                                  633.06
## 10210 1992-11-13
                     AAPL
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                                                     2.00
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                             2.01
                                     2.01
                    MSFT
                             2.91
                                             2.93
                                                     2.89
                                                            806600 4.477612e+01
## 10211 1992-11-13
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## 10212 1992-11-16 ^IXIC
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                                   634.01 637.54
                                                  633.47
                                                                0 2.168729e+04
## 10213 1992-11-16
                    MSFT
                             2.90
                                    2.90
                                             2.92
                                                    2.88
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                             2.05
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                                             2.06
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## 10214 1992-11-16
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## 10215 1992-11-17
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                                     2.81
                                             2.94
                                                          1772700 3.707317e+01
## 10216 1992-11-17 ^IXIC
                           632.80
                                   627.07
                                          634.15
                                                  626.55
                                                                0 2.221566e+04
## 10217 1992-11-17 AAPL
                            1.97
                                    1.97
                                             2.05
                                                    1.96
                                                          1507200 -9.968584e+01
## 10218 1992-11-18 ^IXIC
                           627.12
                                   634.86
                                          635.06
                                                  627.12
                                                                 0 3.212640e+04
                             2.06
                                   2.06
## 10219 1992-11-18
                     AAPL
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                                                   1.98
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## 10220 1992-11-18
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                                     2.88
                                             2.89
                                                     2.81
                                                          1038300 3.980583e+01
## 10221 1992-11-19
                     AAPL
                             2.08
                                     2.08
                                             2.13
                                                    2.06
                                                           2147700 -2.777778e+01
                          636.65
## 10222 1992-11-19 ^IXIC
                                  638.57
                                          639.84
                                                  635.84
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## 10223 1992-11-19
                     MSFT
                             2.94
                                    2.94
                                             2.97
                                                    2.88
                                                          1464300 -9.953960e+01
## 10224 1992-11-20
                     AAPL
                             2.05
                                     2.05
                                             2.10
                                                     2.04
                                                          1388300 -3.027211e+01
## 10225 1992-11-20 ^IXIC
                           639.07
                                   642.60 642.96
                                                  638.67
                                                                 0 3.124634e+04
## 10226 1992-11-20
                     MSFT
                             2.97
                                     2.97
                                             2.97
                                                     2.93
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## 10227 1992-11-23
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                                     2.77
                                             2.87
                                                           9683900 -6.734007e+00
                             2.77
                                                     2.73
## 10228 1992-11-23
                    AAPL
                             2.03
                                     2.03
                                             2.04
                                                     2.01
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## 10229 1992-11-23 ^IXIC
                           638.37
                                   638.84
                                          642.16
                                                  636.64
                                                                 0 3.136995e+04
                                     2.86
                                                     2.79
                                                           4547300 -9.955231e+01
## 10230 1992-11-24
                    MSFT
                             2.86
                                             2.90
## 10231 1992-11-24 ^IXIC
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                                   645.94
                                          646.50
                                                  639.81
                                                                 0 2.248531e+04
                     AAPL
                             2.05
                                    2.05
                                             2.05
                                                     2.02 1400200 -9.968263e+01
## 10232 1992-11-24
## 10233 1992-11-25
                     AAPL
                             2.02
                                     2.02
                                             2.04
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## 10234 1992-11-25 ^IXIC
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                                                  646.24
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                           647.31
                                   648.33
## 10235 1992-11-25
                    MSFT
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                                             2.89
                                                    2.82
                                                          1661000 -9.956041e+01
                                     2.87
## 10236 1992-11-27
                     MSFT
                             2.87
                                             2.89
                                                     2.84
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                                    2.02
                                             2.04
                                                     2.01
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## 10237 1992-11-27
                     AAPL
## 10238 1992-11-27 ^IXIC
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                                  649.49
                                          650.64
                                                  648.57
                                                                0 3.205297e+04
## 10239 1992-11-30 AAPL
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                                     2.05
                                             2.05
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## 10240 1992-11-30 ^IXIC 650.74 652.73 652.75 648.84
                                                               0 3.174049e+04
```

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## 10241 1992-11-30 MSFT
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                                      2.91
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                                                       2.87 1101600 -9.955418e+01
## 10242 1992-12-01 ^IXIC
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                                    653.95
                                                                    0 2.237251e+04
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## 10243 1992-12-01
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                                       2.91
                                               2.92
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## 10244 1992-12-01
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                                                       2.03
                                                             1143300 -2.852234e+01
## 10245 1992-12-02
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                                       2.84
                                               2.92
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                                                             1558800 3.653846e+01
## 10246 1992-12-02
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                                                       2.04
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## 10247 1992-12-02 ^IXIC
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                                    652.91
                                             654.69
                                                     651.37
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## 10248 1992-12-03
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                                               2.06
                                                       2.00
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## 10249 1992-12-03 ^IXIC
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                                    656.36
                                             656.81
                                                     651.39
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## 10250 1992-12-03
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## 10251 1992-12-04
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                              2.03
                                       2.03
                                               2.05
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                     ^IXIC
## 10252 1992-12-04
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## 10253 1992-12-04
                      MSFT
                              2.87
                                       2.87
                                               2.89
                                                       2.85
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## 10254 1992-12-07
                      AAPL
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                                       2.06
                                               2.06
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## 10255 1992-12-07 ^IXIC
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                                             666.55
                                                     661.80
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                                    666.53
## 10256 1992-12-07
                      MSFT
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                                       2.92
                                               2.92
                                                       2.84
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                      MSFT
                              2.89
                                               2.94
                                                               840900 -1.027397e+00
## 10257 1992-12-08
                                       2.89
                                                       2.86
## 10258 1992-12-08
                    ^IXIC
                            667.38
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                                             667.98
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## 10259 1992-12-08
                      AAPL
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                              2.08
                                       2.08
                                               2.10
                                                       2.06
## 10260 1992-12-09
                      MSFT
                              2.88
                                       2.88
                                               2.91
                                                       2.85
                                                               814000 3.846154e+01
## 10261 1992-12-09
                      AAPL
                              2.06
                                       2.06
                                               2.07
                                                       2.04
                                                              1423300 -2.847222e+01
## 10262 1992-12-09 ^IXIC
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                                             667.69
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                                    663.92
                                                     662.40
## 10263 1992-12-10
                     MSFT
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                                               2.87
                                       2.78
                                                       2.77
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## 10264 1992-12-10
                      AAPL
                              2.04
                                               2.06
                                       2.04
                                                       2.02
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## 10265 1992-12-10 ^IXIC
                            662.04
                                    658.93
                                             662.96
                                                     656.43
                                                                    0 3.220049e+04
## 10266 1992-12-11 AAPL
                              2.05
                                       2.05
                                               2.08
                                                       2.04
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## 10267 1992-12-11 ^IXIC
                            656.26
                                    655.79
                                             657.45
                                                     654.62
                                                                    0 3.188976e+04
## 10268 1992-12-11
                     MSFT
                              2.70
                                       2.70
                                               2.78
                                                       2.68
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## 10269 1992-12-14 ^IXIC
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                                             657.09
                                                                    0 2.414926e+04
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                                                     654.66
## 10270 1992-12-14
                      MSFT
                              2.72
                                       2.72
                                               2.76
                                                       2.70
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## 10271 1992-12-14
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                                               2.06
                                                       2.03
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## 10272 1992-12-15
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                                       2.70
                                               2.74
                                                       2.67
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                                    650.75
                                             653.89
                                                     648.75
                                                                    0 2.400185e+04
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                              2.01
                                       2.01
                                               2.04
                                                       1.98
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                                       1.96
                                               2.04
                                                       1.95
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## 10276 1992-12-16
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                                               2.76
                                                              2306000 3.877551e+01
                                       2.72
                                                       2.66
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                                    649.63
                                             652.79
                                                     648.98
                                                                    0 2.378346e+04
## 10278 1992-12-17 ^IXIC
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                                    658.46
                                             658.52
                                                     650.27
                                                                    0 1.359235e+00
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                              2.81
                                               2.82
                                                       2.72
                                                             1620500 -9.957325e+01
                                       2.81
## 10280 1992-12-17
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                                               2.05
                                                              2088100 -2.775801e+01
                      AAPL
                                       2.03
                                                       1.97
                      MSFT
                                               2.82
                                                              2324600 3.842365e+01
## 10281 1992-12-18
                              2.81
                                       2.81
                                                       2.77
## 10282 1992-12-18 ^IXIC
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                                             662.29
                                                                       2.343345e+04
                                                     659.42
                                                                    0
## 10283 1992-12-18
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                              2.08
                                       2.08
                                               2.12
                                                       2.04
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                                    662.46
                                             662.63
                                                     660.01
                                                                    0 3.174904e+04
## 10285 1992-12-21
                      MSFT
                              2.83
                                       2.83
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                                                       2.79
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                                                                    0 2.418425e+04
## 10293 1992-12-24 ^IXIC
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                                                     662.77
                                                                    0 4.404489e-01
## 10294 1992-12-24 AAPL
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                                                               410400 -9.968313e+01
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                                                                    0 2.506105e+04
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## 10312 1993-01-05
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                                       2.79
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## 10336 1993-01-15 ^IXIC
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## 10341 1993-01-19 ^IXIC
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## 10347 1993-01-21 AAPL
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## 10348 1993-01-21 MSFT
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## 10351 1993-01-22 AAPL
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                                          703.71
## 10353 1993-01-25
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                                             2.16
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                           703.66
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                                          711.03
                                                   706.36
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## 10363 1993-01-28 ^IXIC
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                                          697.67 692.94
                                                                 0 2.543934e+04
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                                   701.77
                                          702.14
                                                   696.77
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## 10401 1993-02-17 MSFT
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## 10402 1993-02-17 ^IXIC 662.95
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                                                                0 2.617211e+04
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                                              1.98
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                           670.88
                                                                  0 2.555172e+04
                                   669.51
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## 10426 1993-03-01
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                                      2.55
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## 10427 1993-03-01
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## 10428 1993-03-02
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                                              1.95
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                                                            1318700 2.105263e+00
## 10429 1993-03-02 ^IXIC
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                                           677.87
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                                                                 0 3.483402e+04
                                                           1199400 -9.961046e+01
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## 10431 1993-03-03
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## 10432 1993-03-03
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                                              1.96
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                                    683.92
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## 10437 1993-03-05
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## 10438 1993-03-05
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## 10443 1993-03-09
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                                            693.04
## 10446 1993-03-10 ^IXIC
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                                              2.68
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                                              2.04
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                                           695.99
                                                    693.45
                                                                  0 3.410099e+04
                     MSFT
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                                              2.74
## 10450 1993-03-11
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## 10452 1993-03-12
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## 10453 1993-03-12
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                                              2.03
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                                                    686.89
                                                                  0 3.436667e+04
## 10455 1993-03-15 ^IXIC
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                                    695.21
                                           695.56
                                                    693.12
                                                                  0 3.507607e-01
## 10456 1993-03-15 MSFT
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                                     2.74
                                              2.79
                                                     2.72 1104600 -9.960587e+01
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## 10458 1993-03-16
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                                       2.74
                                               2.77
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                            697.05
                                     695.47
## 10459 1993-03-16 ^IXIC
                                             697.41
                                                     695.07
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                                             694.94
                                                     686.63
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                                               2.04
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                                     687.41
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## 10465 1993-03-18
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                                               1.99
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                      MSFT
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                                                              1075000 3.641026e+01
## 10466 1993-03-18
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## 10467 1993-03-19
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                                             689.82
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## 10468 1993-03-19
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## 10469 1993-03-19
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                                                      674.80
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## 10474 1993-03-23
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## 10475 1993-03-23
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                                                               915500 -2.769231e+01
## 10476 1993-03-24
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## 10477 1993-03-24
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                                             676.56
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## 10478 1993-03-24
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## 10479 1993-03-25
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                                                              1369100
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                                       2.73
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## 10480 1993-03-25
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                                     681.01
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                                                      675.31
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## 10481 1993-03-25
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                                                        1.91
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## 10482 1993-03-26
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                                             683.74
                                                     680.01
                                                                    0 3.467245e+04
## 10483 1993-03-26
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                                               1.96
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## 10485 1993-03-29
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                                                              2336700 -4.210526e+00
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## 10486 1993-03-29
                      MSFT
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                                       2.72
                                               2.77
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                     ^IXIC
## 10487 1993-03-29
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                                     680.76
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                                                      680.74
                                                                     0
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## 10488 1993-03-30
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                                               1.87
                                                        1.79
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## 10489 1993-03-30
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                    ^IXIC
## 10490 1993-03-30
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                                             686.25
                                                     682.01
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## 10491 1993-03-31
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                                       1.84
                                                        1.83
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## 10492 1993-03-31
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                              2.89
                                               2.95
                                                              5614400 5.706522e+01
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## 10493 1993-03-31 ^IXIC
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                                                      687.80
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## 10494 1993-04-01
                      MSFT
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                                               2.96
                                                        2.89
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                                       2.91
## 10495 1993-04-01 ^IXIC
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                                     686.64
                                             691.15
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                              1.85
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## 10497 1993-04-02 ^IXIC
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                                             683.90
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## 10498 1993-04-02
                      AAPL
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## 10499 1993-04-02
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                                                        2.80
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## 10500 1993-04-05
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                                             671.69
                                                     667.31
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                                     670.71
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                      MSFT
## 10501 1993-04-05
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                                                        2.75
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## 10502 1993-04-05
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## 10503 1993-04-06
                      MSFT
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                                       2.80
                                               2.91
                                                        2.79
                                                              1748200
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## 10504 1993-04-06 ^IXIC
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                                     664.14
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                                                     663.91
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                              1.74
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## 10505 1993-04-06
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## 10506 1993-04-07
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                                                              1454000 -3.617021e+01
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## 10508 1993-04-07
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## 10509 1993-04-08
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## 10510 1993-04-08 AAPL
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                                       1.78
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## 10516 1993-04-13
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                                               1.79
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## 10532 1993-04-20
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                      MSFT
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## 10556 1993-04-30
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                                                        1.82
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## 10560 1993-05-04
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                                               1.94
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                                                              1525200
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                            671.42
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                                                                       3.540576e+04
## 10562 1993-05-04
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                              2.75
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                                               2.77
                                                        2.70
                                                              1552000 -9.959449e+01
## 10563 1993-05-05 ^IXIC
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                                     683.26
                                             683.81
                                                     676.62
                                                                    0 2.474582e+04
## 10564 1993-05-05 MSFT
                              2.79
                                       2.79
                                               2.81
                                                        2.73 1620900 -9.959166e+01
```

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## 10565 1993-05-05 AAPL
                              1.95
                                       1.95
                                               1.98
                                                        1.89
                                                              2259500 -3.010753e+01
                                     680.04
## 10566 1993-05-06 ^IXIC
                            683.76
                                             684.38
                                                     679.03
                                                                     0 3.477385e+04
## 10567 1993-05-06
                      MSFT
                              2.73
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                                                        2.71
                                                              1476300 -9.959855e+01
## 10568 1993-05-06
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                                               1.96
                                                               731200 -9.971237e+01
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                      MSFT
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                                       2.79
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                                                        2.75
                                                              2161100 4.234694e+01
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                                               1.97
                                                        1.93
                                                              1414100 -9.971442e+01
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                                               2.77
## 10576 1993-05-11
                                       2.74
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## 10577 1993-05-11 ^IXIC
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                                     683.06
                                             683.32
                                                     680.21
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## 10578 1993-05-12
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## 10579 1993-05-12
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                                                                       4.210526e+01
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                                             683.00
                                                      680.62
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                                       1.98
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## 10582 1993-05-13
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                              2.68
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                                               2.69
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                                                              1365900 3.535354e+01
## 10583 1993-05-13 ^IXIC
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                            677.91
                                     675.64
                                             680.86
                                                                       2.511045e+04
                                                                    0
## 10584 1993-05-14
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## 10585 1993-05-14
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                                       1.98
                                               2.00
                                                        1.96
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## 10586 1993-05-14 ^IXIC
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## 10587 1993-05-17 ^IXIC
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                            678.46
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                                                     675.73
                                                                     0
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## 10588 1993-05-17
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## 10590 1993-05-18
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## 10591 1993-05-18
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                                               2.77
                                                        2.70
                                                              2630800 -9.959311e+01
## 10592 1993-05-18
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## 10595 1993-05-19 ^IXIC
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                                                                     0 3.374461e+04
## 10596 1993-05-20
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                                                                     0 3.311095e+04
                      MSFT
                              2.94
## 10598 1993-05-20
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## 10599 1993-05-21
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                                               2.11
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                                       2.05
## 10600 1993-05-21 ^IXIC
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                                     694.29
                                             696.87
                                                     692.48
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## 10601 1993-05-21
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                                               2.95
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## 10602 1993-05-24 ^IXIC
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                                             696.32
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## 10603 1993-05-24
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                                                        2.03
## 10604 1993-05-24
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## 10608 1993-05-26
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                      MSFT
## 10609 1993-05-26
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## 10610 1993-05-26 ^IXIC
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                                     704.09
                                             704.09
                                                      694.79
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                                                                     0
## 10611 1993-05-27 ^IXIC
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## 10612 1993-05-27
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## 10615 1993-05-28
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## 10616 1993-05-28
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                                       2.02
                                               2.05
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## 10617 1993-05-31 ^IXIC
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                                     700.53
                                             700.53
                                                     700.53
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## 10618 1993-06-01 ^IXIC
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                                    704.28
                                             706.24
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                                                                    0 5.353090e-01
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## 10620 1993-06-01
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## 10621 1993-06-02
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## 10623 1993-06-02
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## 10624 1993-06-03
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                                      2.01
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## 10625 1993-06-03 ^IXIC
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## 10626 1993-06-03
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                                              3.00
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## 10627 1993-06-04
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                                              2.95
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## 10629 1993-06-04
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                                              2.01
                                                     1.95
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                                      2.91
                                              2.99
## 10630 1993-06-07
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## 10634 1993-06-08
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                                                                  0 2.377986e+04
## 10635 1993-06-08 ^IXIC
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## 10636 1993-06-09 ^IXIC
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                                    689.24
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## 10637 1993-06-09
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## 10638 1993-06-09
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## 10639 1993-06-10 ^IXIC
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                                    688.05
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## 10640 1993-06-10
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                     AAPL
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## 10650 1993-06-15 ^IXIC
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                                    697.34
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## 10651 1993-06-16 ^IXIC
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                                                    689.59
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                           696.13
                                   689.59
                     AAPL
## 10659 1993-06-18
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                                      1.46
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## 10660 1993-06-21 ^IXIC
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## 10663 1993-06-22
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                                    686.77
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## 10665 1993-06-22
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## 10667 1993-06-23
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## 10669 1993-06-24
                    ^IXIC
## 10670 1993-06-24
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## 10672 1993-06-25 MSFT
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                                       1.43
                                               1.46
                                                        1.41
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## 10674 1993-06-25 ^IXIC
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                                             695.69
                                                     689.66
                                                                     0 4.848811e+04
## 10675 1993-06-28
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                    ^IXIC
                            697.72
                                     702.84
                                             702.84
                                                                     0
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## 10678 1993-06-29
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                                                      699.87
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                                                     700.76
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                                    703.59
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                                                               793900
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                              2.69
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                                                        2.66
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## 10694 1993-07-07
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                                                        1.29
                      MSFT
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## 10695 1993-07-07
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                                                                       1.038462e+02
## 10698 1993-07-08
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                                       1.31
## 10700 1993-07-09
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## 10701 1993-07-09 ^IXIC
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                                    705.81
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                                                                     0
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                                                                     0
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## 10703 1993-07-12
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## 10704 1993-07-12
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                                               1.36
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                                     708.47
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                                                     707.13
                                                                     0 5.199338e+04
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## 10706 1993-07-13
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                                               2.63
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## 10707 1993-07-13
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## 10708 1993-07-14
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## 10709 1993-07-14 ^IXIC
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                                             713.96
                                                     707.87
                                                                     0 5.347068e+04
## 10710 1993-07-14
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## 10716 1993-07-16
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                                               1.08
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                    ^IXIC
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## 10717 1993-07-19
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                                                     694.53
                                                                     0 7.090306e+04
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## 10718 1993-07-19
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## 10721 1993-07-20
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## 10722 1993-07-20
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## 10723 1993-07-21
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## 10724 1993-07-21
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## 10725 1993-07-21 ^IXIC
                            700.06
                                    700.08
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                                                      698.61
                                                                    0 7.437660e+04
## 10726 1993-07-22 ^IXIC
                            700.83
                                    695.52
                                             701.39
                                                     694.74
                                                                    0 -6.513541e-01
```

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## 10728 1993-07-22
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                                       0.95
                                               0.96
                                                        0.92
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## 10729 1993-07-23 ^IXIC
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## 10730 1993-07-23
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## 10731 1993-07-23
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## 10732 1993-07-26
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## 10734 1993-07-26
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## 10735 1993-07-27
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                     ^IXIC
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## 10746 1993-07-30
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## 10747 1993-08-02
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## 10748 1993-08-02
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## 10749 1993-08-02 ^IXIC
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## 10750 1993-08-03 ^IXIC
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## 10759 1993-08-06
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                                               1.08
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                     ^IXIC
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## 10760 1993-08-06
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## 10761 1993-08-06
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                                       1.06
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## 10762 1993-08-09
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## 10763 1993-08-09 ^IXIC
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## 10764 1993-08-09
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## 10765 1993-08-10
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## 10766 1993-08-10 ^IXIC
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                                    717.08
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                      MSFT
## 10767 1993-08-10
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## 10768 1993-08-11
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                                       0.98
                                               1.02
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## 10769 1993-08-11 ^IXIC
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## 10770 1993-08-11
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## 10771 1993-08-12
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                                               0.99
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## 10772 1993-08-12 ^IXIC
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## 10773 1993-08-12
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## 10774 1993-08-13 ^IXIC
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## 10775 1993-08-13
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## 10776 1993-08-13
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## 10777 1993-08-16
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## 10778 1993-08-16
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## 10779 1993-08-16 ^IXIC
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## 10780 1993-08-17 MSFT
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## 10783 1993-08-18 AAPL
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## 10784 1993-08-18
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## 10785 1993-08-18 ^IXIC
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                                        734.37
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## 10825 1993-09-08 ^IXIC
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## 10826 1993-09-08
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                                                               0 3.089622e+04
## 10831 1993-09-10 ^IXIC
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                                                739.23
                                                               0 8.946605e-01
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## 10833 1993-09-10 MSFT
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                                    2.44
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                                                   2.38 1766900 1.595745e+02
## 10834 1993-09-13 ^IXIC 744.21 740.32 745.42 740.08
                                                         0 3.024098e+04
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## 10835 1993-09-13 AAPL
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                                                             2283800 -9.987843e+01
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## 10836 1993-09-13
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## 10837 1993-09-14 ^IXIC
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                                                     736.83
## 10846 1993-09-17
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                                               0.90
                                                        0.88
                                                               683700 -6.440000e+01
## 10863 1993-09-24
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## 10864 1993-09-27
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## 10883 1993-10-05
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## 10886 1993-10-06
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## 10888 1993-10-07 ^IXIC
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                                     762.49
                                             765.54
                                                     761.27
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                                                            1294900 2.207317e+02
## 10890 1993-10-07
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                                                       2.62
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                                                                   0 2.897765e+04
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## 10895 1993-10-11
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## 10896 1993-10-11
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## 10897 1993-10-12
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## 10898 1993-10-12 ^IXIC
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                                           772.82
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                                                                   0 2.927110e+04
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                                                             2735200 -9.988867e+01
## 10900 1993-10-13
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## 10901 1993-10-13
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                                                    774.20
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## 10904 1993-10-14
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## 10906 1993-10-15 ^IXIC
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                                            791.20
                                                    785.55
                                                                   0 2.559173e-01
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## 10907 1993-10-15
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## 10908 1993-10-15
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## 10910 1993-10-18 ^IXIC
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## 10911 1993-10-18
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                                      1.01
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## 10913 1993-10-19
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## 10927 1993-10-26
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                                      1.06
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                                            770.48
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                                            776.79
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## 10936 1993-10-29 ^IXIC
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## 10942 1993-11-02 AAPL
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                                              1.18
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## 10944 1993-11-02 ^IXIC
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                                             785.66
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                                     772.95
                                                     771.65
## 10945 1993-11-03 ^IXIC
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## 10946 1993-11-03
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                                    757.26
                                             772.56
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## 10954 1993-11-08
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                                    766.21
                                             768.03
                                                     761.34
                                                                    0 3.117388e+04
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                                                     777.45
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## 10964 1993-11-11
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                                                                    0 3.034219e+04
## 10968 1993-11-12
                      AAPL
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                                                        1.09
                                                              1282700 -9.985500e+01
## 10969 1993-11-15
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                            778.76
                                    772.45
                                             780.02
                                                     772.15
                                                                    0 6.825841e+04
                                                               913900 -9.967377e+01
## 10970 1993-11-15
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## 10971 1993-11-15
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## 10972 1993-11-16
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                                    771.69
                                             772.77
                                                     767.16
                                                                    0 6.759211e+04
## 10973 1993-11-16
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                              2.57
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                                                              1489500 -9.966696e+01
## 10974 1993-11-16
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                                                              2706100 -5.291829e+01
## 10975 1993-11-17
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                                                              2702000 -5.238095e+01
## 10976 1993-11-17
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## 10977 1993-11-17
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                            769.98
                                     762.36
                                             773.28
                                                     761.28
                                                                       6.343000e+04
                                                                    0
## 10978 1993-11-18
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                                                              1021500 -9.984259e+01
                     AAPL
                                       1.20
                                               1.21
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## 10979 1993-11-18 ^IXIC
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                                     754.34
                                             763.31
                                                     753.58
                                                                    0 6.276167e+04
## 10980 1993-11-18
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                              2.51
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## 10981 1993-11-19
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                              1.18
                                       1.18
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## 10982 1993-11-19 ^IXIC
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                            752.18
                                    751.56
                                             755.32
                                                                    0 6.359153e+04
                      MSFT
                                                              1200100 -9.966736e+01
## 10983 1993-11-19
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                                       2.50
                                               2.51
                                                        2.48
## 10984 1993-11-22 ^IXIC
                            746.27
                                    738.13
                                             749.38
                                                     737.67
                                                                       2.942520e+04
                                                                    0
## 10985 1993-11-22
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                                               1.18
                                                        1.15
                                                              1344700 -9.984285e+01
                      MSFT
## 10986 1993-11-22
                              2.41
                                       2.41
                                               2.49
                                                        2.39
                                                              2511100 1.077586e+02
## 10987 1993-11-23
                     ^IXIC
                            742.95
                                    746.82
                                             746.87
                                                     740.18
                                                                    0 3.088838e+04
                      MSFT
                              2.42
## 10988 1993-11-23
                                       2.42
                                               2.45
                                                        2.41
                                                              3070500 -9.967596e+01
## 10989 1993-11-23
                      AAPL
                              1.18
                                       1.18
                                               1.18
                                                        1.12
                                                              1662200 -5.123967e+01
## 10990 1993-11-24
                     ^IXIC
                            750.94
                                    753.18
                                             753.19
                                                     748.09
                                                                    0 6.372881e+04
## 10991 1993-11-24
                      MSFT
                              2.46
                                       2.46
                                               2.49
                                                        2.42
                                                              1014600 -9.967338e+01
## 10992 1993-11-24
                      AAPL
                              1.18
                                       1.18
                                               1.20
                                                        1.17
                                                               807500 -5.203252e+01
## 10993 1993-11-26
                      MSFT
                              2.47
                                               2.48
                                                        2.46
                                       2.47
                                                               200100 1.093220e+02
## 10994 1993-11-26
                      AAPL
                              1.17
                                       1.17
                                               1.18
                                                        1.15
                                                               387900 -5.263158e+01
## 10995 1993-11-26 ^IXIC
                            753.77
                                    754.87
                                             755.02
                                                     753.60
                                                                    0 6.441880e+04
                              1.13
## 10996 1993-11-29
                     AAPL
                                       1.13
                                               1.16
                                                        1.13
                                                               863500 -9.985031e+01
```

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## 10997 1993-11-29 MSFT
                              2.48
                                       2.48
                                               2.50
                                                        2.47
                                                              1003300 1.194690e+02
## 10998 1993-11-29 ^IXIC
                                             756.40
                                                     751.39
                            756.40
                                     751.54
                                                                     0
                                                                       3.020403e+04
## 10999 1993-11-30
                                                        1.13
                      AAPL
                              1.13
                                       1.13
                                               1.17
                                                              1005900 -9.984964e+01
                      MSFT
## 11000 1993-11-30
                              2.50
                                       2.50
                                               2.52
                                                        2.45
                                                              1379800
                                                                       1.212389e+02
## 11001 1993-11-30 ^IXIC
                            751.01
                                     754.39
                                             755.11
                                                     748.68
                                                                     0
                                                                       3.007560e+04
## 11002 1993-12-01
                     AAPL
                                                        1.12
                                                               993000 -9.985021e+01
                              1.13
                                       1.13
                                               1.15
## 11003 1993-12-01 ^IXIC
                            759.90
                                     763.81
                                             764.24
                                                     757.40
                                                                     0
                                                                       6.749381e+04
                     MSFT
## 11004 1993-12-01
                              2.55
                                       2.55
                                               2.57
                                                        2.52
                                                              1840200 -9.966615e+01
## 11005 1993-12-02 ^IXIC
                            765.41
                                     766.73
                                             766.73
                                                     762.27
                                                                     0
                                                                       2.996784e+04
                      MSFT
                                                              1623000 -9.966220e+01
## 11006 1993-12-02
                              2.59
                                       2.59
                                               2.59
                                                        2.55
## 11007 1993-12-02
                      AAPL
                              1.13
                                       1.13
                                               1.14
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                     ^IXIC
## 11008 1993-12-03
                            768.73
                                     772.22
                                             772.24
                                                     768.57
                                                                     0 6.823805e+04
## 11009 1993-12-03
                      AAPL
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                                       1.13
                                               1.14
                                                        1.11
                                                              1075600 -9.985367e+01
## 11010 1993-12-03
                      MSFT
                              2.68
                                       2.68
                                               2.70
                                                        2.61
                                                              3578200 1.371681e+02
## 11011 1993-12-06 ^IXIC
                            767.51
                                             771.44
                                                     765.61
                                                                     0 2.867201e+04
                                     771.09
## 11012 1993-12-06
                      MSFT
                              2.65
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                                               2.67
                                                        2.63
                                                              1854300 -9.965633e+01
                              1.15
                                                              1401600 -5.660377e+01
## 11013 1993-12-06
                      AAPL
                                       1.15
                                               1.16
                                                        1.12
## 11014 1993-12-07 ^IXIC
                            770.88
                                     769.35
                                             771.93
                                                     767.77
                                                                     0 6.680000e+04
## 11015 1993-12-07
                     MSFT
                              2.67
                                                              1024400 -9.965295e+01
                                       2.67
                                               2.69
                                                        2.66
## 11016 1993-12-07
                      AAPL
                              1.15
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                                               1.15
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## 11017 1993-12-08
                     ^IXIC
                            766.16
                                     767.89
                                             768.13
                                                     765.99
                                                                    0 6.667304e+04
## 11018 1993-12-08
                      MSFT
                              2.61
                                               2.62
                                                        2.57
                                                              3309400 -9.966011e+01
                                       2.61
                      AAPL
## 11019 1993-12-08
                                                        1.13
                                                               353500 -5.632184e+01
                              1.14
                                       1.14
                                               1.15
## 11020 1993-12-09 ^IXIC
                                             766.40
                                                     760.51
                            764.42
                                     761.49
                                                                     0
                                                                       6.669737e+04
                      MSFT
                              2.54
## 11021 1993-12-09
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                                               2.61
                                                        2.52
                                                             1920800 -9.966644e+01
## 11022 1993-12-09
                      AAPL
                              1.07
                                       1.07
                                               1.14
                                                        1.06
                                                              1631800 -5.787402e+01
## 11023 1993-12-10
                      MSFT
                              2.56
                                       2.56
                                               2.57
                                                        2.52
                                                               622400 1.392523e+02
## 11024 1993-12-10 ^IXIC
                            760.36
                                     760.74
                                             761.84
                                                     758.10
                                                                    0
                                                                       2.961641e+04
                                                              4439800 -9.986723e+01
## 11025 1993-12-10
                      AAPL
                              1.01
                                       1.01
                                               1.09
                                                        0.99
## 11026 1993-12-13
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                            759.78
                                     759.72
                                             760.95
                                                     757.31
                                                                    0 7.511980e+04
## 11027 1993-12-13
                      MSFT
                              2.54
                                       2.54
                                               2.56
                                                        2.52
                                                               628500 -9.966567e+01
## 11028 1993-12-13
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                                       1.05
                                               1.05
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## 11029 1993-12-14
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                                       1.04
                                               1.06
                                                        1.04
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                     ^IXIC
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                                                     750.96
## 11030 1993-12-14
                            758.86
                                             760.18
                                                                    0 7.215673e+04
## 11031 1993-12-14
                      MSFT
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                                       2.50
                                               2.55
                                                        2.48
                                                              1481700 -9.966732e+01
## 11032 1993-12-15
                      AAPL
                              1.06
                                               1.06
                                                              1106100 -5.760000e+01
                                       1.06
                                                        1.04
## 11033 1993-12-15 ^IXIC
                            751.26
                                     752.97
                                             753.12
                                                     750.30
                                                                    0 7.093491e+04
## 11034 1993-12-15
                      MSFT
                              2.49
                                       2.49
                                               2.53
                                                        2.49
                                                              1100600 -9.966931e+01
## 11035 1993-12-16
                      AAPL
                              1.05
                                               1.06
                                                        1.04
                                                              1128300 -5.783133e+01
                                       1.05
                     MSFT
## 11036 1993-12-16
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                                                               909800 1.380952e+02
                                       2.50
                                                        2.49
## 11037 1993-12-16 ^IXIC
                            754.82
                                     755.53
                                             756.34
                                                     753.20
                                                                     0
                                                                       3.012120e+04
## 11038 1993-12-17
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                                                        2.49
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## 11039 1993-12-17
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                                       1.05
                                               1.06
                                                        1.04
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                            758.71
## 11040 1993-12-17 ^IXIC
                                     759.23
                                             760.12
                                                     757.17
                                                                    0 7.220762e+04
## 11041 1993-12-20
                      MSFT
                              2.56
                                       2.56
                                               2.58
                                                        2.52
                                                              1108200 -9.966282e+01
## 11042 1993-12-20 ^IXIC
                            759.65
                                     760.15
                                             760.58
                                                     758.60
                                                                       2.959336e+04
                                                                     0
## 11043 1993-12-20
                      AAPL
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                                               1.06
                                                        1.01
                                                              1687800 -9.986582e+01
                              0.98
                                               1.03
## 11044 1993-12-21
                      AAPL
                                       0.98
                                                        0.97
                                                              2242200 -3.921569e+00
## 11045 1993-12-21
                      MSFT
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                                       2.58
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                                                        2.55
                                                               969000
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                     ^IXIC
## 11046 1993-12-21
                            758.28
                                     755.63
                                             774.04
                                                     754.63
                                                                     0
                                                                       2.918798e+04
## 11047 1993-12-22 ^IXIC
                            752.45
                                     756.07
                                             756.70
                                                     752.34
                                                                     0
                                                                       5.822956e-02
## 11048 1993-12-22
                      AAPL
                              1.00
                                       1.00
                                               1.02
                                                        0.96
                                                              1619400 -9.986774e+01
## 11049 1993-12-22
                      MSFT
                              2.54
                                       2.54
                                               2.58
                                                        2.53
                                                               755300 1.540000e+02
## 11050 1993-12-23 AAPL
                              0.97
                                       0.97
                                               0.97
                                                        0.95
                                                             2026400 -6.181102e+01
```

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## 11051 1993-12-23 ^IXIC
                           757.62
                                    758.70
                                            759.18
                                                     756.88
                                                                    0 7.811649e+04
                      MSFT
                              2.53
                                               2.57
## 11052 1993-12-23
                                       2.53
                                                       2.52
                                                               994400 -9.966653e+01
                                       1.02
                                               1.03
## 11053 1993-12-27
                      AAPL
                              1.02
                                                       0.97
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                    ^IXIC
## 11054 1993-12-27
                            758.75
                                    761.06
                                            761.09
                                                     758.15
                                                                    0 7.451373e+04
## 11055 1993-12-27
                      MSFT
                              2.52
                                       2.52
                                               2.54
                                                       2.49
                                                               766800 -9.966888e+01
## 11056 1993-12-28
                      AAPL
                              1.04
                                               1.05
                                                       1.02
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                                       1.04
                    ^IXIC
## 11057 1993-12-28
                            761.00
                                    764.56
                                             764.57
                                                     760.25
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                      MSFT
## 11058 1993-12-28
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                                               2.59
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## 11059 1993-12-29
                      AAPL
                              1.02
                                       1.02
                                               1.04
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## 11060 1993-12-29
                    ^IXIC
                            764.10
                                    768.48
                                             768.48
                                                     763.60
                                                                    0 7.524118e+04
## 11061 1993-12-29
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                              2.55
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                                               2.61
                                                       2.52
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## 11062 1993-12-30
                      MSFT
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                                       2.54
                                               2.57
                                                       2.52
                                                               791500 -3.921569e-01
## 11063 1993-12-30
                    ^IXIC
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                                    771.08
                                             771.28
                                                     767.70
                                                                    0
                                                                       3.025748e+04
## 11064 1993-12-30
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                                       1.06
                                               1.08
                                                       1.02
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## 11065 1993-12-31 ^IXIC
                            771.42
                                             776.87
                                                     770.29
                                    776.80
                                                                    0 7.318302e+04
## 11066 1993-12-31
                      AAPL
                              1.04
                                       1.04
                                               1.08
                                                       1.04
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                      MSFT
                              2.52
                                               2.55
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## 11067 1993-12-31
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## 11068 1994-01-03
                    ^IXIC
                            774.11
                                    770.76
                                            777.29
                                                     768.41
                                                                    0 3.048571e+04
                     MSFT
                                                             1145200 -9.967564e+01
## 11069 1994-01-03
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                                               2.52
                                                       2.48
## 11070 1994-01-03
                      AAPL
                              1.07
                                       1.07
                                               1.07
                                                       1.04
                                                             1620800 -5.720000e+01
## 11071 1994-01-04
                      MSFT
                              2.52
                                       2.52
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                                                       2.48
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                                                                      1.355140e+02
## 11072 1994-01-04
                      AAPL
                                               1.13
                                                       1.07
                                                              2546200 -5.515873e+01
                              1.13
                                       1.13
## 11073 1994-01-04 ^IXIC
                                            774.78
                                    774.28
                                                     771.02
                            771.43
                                                                    0 6.842035e+04
                                                              5465500 -9.984373e+01
## 11074 1994-01-05
                      AAPL
                              1.21
                                       1.21
                                               1.21
                                                       1.13
                      MSFT
                                                              1686700 1.123967e+02
## 11075 1994-01-05
                              2.57
                                       2.57
                                               2.58
                                                       2.50
## 11076 1994-01-05 ^IXIC
                            775.23
                                    778.05
                                             778.21
                                                     773.69
                                                                    0 3.017432e+04
                      AAPL
## 11077 1994-01-06
                              1.17
                                               1.21
                                                              3272400 -9.984962e+01
                                       1.17
                                                       1.16
## 11078 1994-01-06
                    ^IXIC
                            780.36
                                    780.41
                                             781.21
                                                     778.25
                                                                    0
                                                                       6.660171e+04
## 11079 1994-01-06
                      MSFT
                              2.64
                                               2.65
                                                              2562700 -9.966172e+01
                                       2.64
                                                       2.58
## 11080 1994-01-07 ^IXIC
                            779.29
                                    782.94
                                             783.39
                                                     778,20
                                                                    0
                                                                       2.955682e+04
## 11081 1994-01-07
                      MSFT
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                                       2.66
                                               2.68
                                                       2.60
                                                              2213500 -9.966025e+01
## 11082 1994-01-07
                      AAPL
                              1.18
                                       1.18
                                               1.19
                                                       1.12
                                                              2667800 -5.563910e+01
## 11083 1994-01-10
                      AAPL
                              1.20
                                       1.20
                                               1.21
                                                       1.17
                                                              1799900 1.694915e+00
                                                     782.92
## 11084 1994-01-10 ^IXIC
                                    786.69
                            783.05
                                             787.49
                                                                    0 6.545750e+04
## 11085 1994-01-10
                      MSFT
                              2.68
                                       2.68
                                               2.70
                                                       2.66
                                                             2318300 -9.965933e+01
## 11086 1994-01-11
                     MSFT
                              2.66
                                               2.69
                                                             1105000 -7.462687e-01
                                       2.66
                                                       2.64
## 11087 1994-01-11
                      AAPL
                              1.14
                                       1.14
                                               1.21
                                                       1.13
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## 11088 1994-01-11 ^IXIC
                            785.93
                                    785.52
                                             787.32
                                                     784.34
                                                                    0 6.880526e+04
## 11089 1994-01-12
                      AAPL
                              1.09
                                               1.15
                                                       1.09
                                                             3920700 -9.986124e+01
                                       1.09
## 11090 1994-01-12 MSFT
                              2.67
                                               2.68
                                                              1234000
                                       2.67
                                                       2.62
                                                                      1.449541e+02
## 11091 1994-01-12 ^IXIC
                            788.20
                                    786.87
                                             788.43
                                                     782.68
                                                                    0
                                                                       2.937079e+04
## 11092 1994-01-13 ^IXIC
                            784.36
                                    787.81
                                             787.85
                                                     783.97
                                                                    0
                                                                       1.194606e-01
## 11093 1994-01-13
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                              1.09
                                       1.09
                                               1.10
                                                       1.06
                                                             4746400 -9.986164e+01
## 11094 1994-01-13
                     MSFT
                              2.67
                                               2.67
                                                              1275100 1.449541e+02
                                       2.67
                                                       2.63
## 11095 1994-01-14 ^IXIC
                            789.99
                                    792.31
                                             793.14
                                                     788.78
                                                                    0 2.957453e+04
## 11096 1994-01-14
                      AAPL
                              1.11
                                               1.13
                                                       1.09
                                                             1915300 -9.985990e+01
                                       1.11
## 11097 1994-01-14
                      MSFT
                              2.68
                                       2.68
                                               2.69
                                                       2.65
                                                              1413000 1.414414e+02
## 11098 1994-01-17 ^IXIC
                            791.68
                                    792.18
                                            792.74
                                                     790.83
                                                                    0 2.945896e+04
## 11099 1994-01-17
                      MSFT
                              2.65
                                       2.65
                                               2.69
                                                       2.64
                                                               961100 -9.966548e+01
## 11100 1994-01-17
                      AAPL
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                                       1.08
                                               1.13
                                                       1.07
                                                              1301000 -5.924528e+01
                              1.05
                                                              3239300 -2.777778e+00
## 11101 1994-01-18
                      AAPL
                                       1.05
                                               1.08
                                                       1.04
## 11102 1994-01-18 ^IXIC
                            791.94
                                    793.02
                                            793.17
                                                     791.26
                                                                    0 7.542571e+04
## 11103 1994-01-18
                     MSFT
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                                               2.67
                                                       2.63
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## 11104 1994-01-19 MSFT
                              2.60
                                       2.60
                                               2.63
                                                       2.58 2392100 -1.515152e+00
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```
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                                     1.04
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                                           792.08
                                                   787.32
                           789.64
                                                                  0 7.579231e+04
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                                    793.03
                                            793.03
                                                    789.84
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                                                      1.05
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                                                    792.59
                                                                   0 7.413178e+04
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## 11112 1994-01-21
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                                                            3096200 1.268908e+02
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                                                    789.88
                                                                   0
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                             1.25
                                              1.26
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                                                      2.66
                                                            1199200 1.128000e+02
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                                              1.25
                                                      1.19
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                                           791.21
## 11118 1994-01-25 ^IXIC
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                                                    783.53
                                                                  0 6.489091e+04
## 11119 1994-01-26
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                                              2.66
                                                      2.63
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## 11121 1994-01-26 ^IXIC
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                                            789.50
                                                    784.87
                                    788.80
                                                                  0 6.563333e+04
## 11122 1994-01-27 ^IXIC
                           789.13
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                                           793.32
                                                    788.46
                                                                  0 5.172414e-01
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                                      2.63
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                                                      2.63
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                                              1.24
                                                      1.21
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                                    796.53
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                                                                  0 6.572893e+04
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                                      2.66
                                              2.68
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                                                            1955200 1.273504e+02
## 11131 1994-02-01 ^IXIC
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                                           799.99
                                                    794.92
                                                                  0 2.987143e+04
                                                            1399300 -9.985074e+01
## 11132 1994-02-01
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                                              1.20
                                                      1.15
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## 11133 1994-02-01
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                                              2.68
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                                              2.67
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## 11135 1994-02-02 ^IXIC
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                                            799.69
                                                    796.72
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                                                      1.20
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                                              1.30
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## 11148 1994-02-08 ^IXIC
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## 11149 1994-02-09
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## 11152 1994-02-10
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## 11153 1994-02-10
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                                   781.39
                                           783.13
                                                    778.33
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## 11157 1994-02-11 MSFT
                             2.46
                                     2.46
                                              2.48
                                                      2.44 1679600 -9.968518e+01
## 11158 1994-02-14 AAPL
                             1.32
                                     1.32
                                              1.36
                                                      1.31 2192400 -4.634146e+01
```

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                                   2.47
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                                                  2.46 1727200 8.712121e+01
## 11160 1994-02-14 ^IXIC
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                                 785.45 785.88 782.16
                                                               0 3.169960e+04
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                                                           902400 -9.968298e+01
## 11161 1994-02-15 MSFT
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                                  2.49
                                            2.51
                                            1.34
## 11162 1994-02-15
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                                                    1.29
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## 11163 1994-02-15 ^IXIC
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                                         790.58
                                                 785.62
                                                                0 5.930752e+04
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                                    2.46
                                            2.51
                                                    2.46
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## 11165 1994-02-16 ^IXIC
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                                         793.46
                                                 790.25
                                  792.62
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                   AAPL
## 11166 1994-02-16
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                                            1.35
                                                   1.29
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## 11169 1994-02-17 ^IXIC
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                                            2.52
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                                                 784.91
                                                                0 3.145400e+04
## 11172 1994-02-18
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                                                  1.29
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                                         788.85
                                                 788.85
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## 11174 1994-02-22 ^IXIC
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                                  791.15
                                         791.21
                                                 785.81
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                                    2.48
                                            2.51
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## 11176 1994-02-22
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                                            1.34
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                                            2.56
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                    AAPL
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                                    1.33
                                            1.37
                                                   1.32 2326200 -4.743083e+01
## 11179 1994-02-23 ^IXIC
                          792.64
                                  789.11
                                         793.12 788.51
                                                              0 5.923158e+04
## 11180 1994-02-24 ^IXIC
                          780.76
                                  779.44
                                         786.18
                                                 777.69
                                                               0 -1.225431e+00
## 11181 1994-02-24
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                            2.50
                                    2.50
                                            2.52
                                                    2.48 2579800 -9.967926e+01
## 11182 1994-02-24
                    AAPL
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                                    1.31
                                            1.33
                                                         1766600 -4.760000e+01
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## 11183 1994-02-25
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                                    2.53
                                            2.54
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                            1.29
                                    1.29
                                            1.33
                                                   1.27
                                                         2117000 -4.901186e+01
## 11185 1994-02-25 ^IXIC
                          781.71
                                  783.78
                                         783.80 779.83
                                                              0 6.065814e+04
## 11186 1994-02-28
                                                         1103300 -9.983414e+01
                    AAPL
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                                   1.30
                                            1.32
                                                   1.29
                    MSFT
                                    2.58
                                            2.59
## 11187 1994-02-28
                            2.58
                                                   2.53
                                                         1734200 9.846154e+01
## 11188 1994-02-28 ^IXIC
                          788.24
                                  792.50
                                         792.93
                                                 785.62
                                                               0 3.061705e+04
## 11189 1994-03-01 AAPL
                           1.29
                                   1.29
                                            1.31
                                                   1.28
                                                         1891700 -9.983722e+01
## 11190 1994-03-01 ^IXIC
                          792.10
                                  788.64
                                         793.42
                                                 783.58
                                                                0 6.103488e+04
## 11191 1994-03-01 MSFT
                                                         1502200 -9.967032e+01
                            2.60
                                    2.60
                                            2.60
                                                    2.57
## 11192 1994-03-02 ^IXIC
                          773.01
                                  783.47
                                         783.52
                                                 772.03
                                                               0 3.003346e+04
## 11193 1994-03-02
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                            2.59
                                   2.59
                                            2.59
                                                    2.53
                                                         2140600 -9.966942e+01
## 11194 1994-03-02
                    AAPL
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                                    1.27
                                            1.29
                                                    1.24
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## 11195 1994-03-03 ^IXIC
                          784.60
                                  784.58
                                         786.97
                                                 783.79
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## 11196 1994-03-03
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                                    1.28
                                            1.29
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## 11197 1994-03-03
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                                                    2.52
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## 11198 1994-03-04
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                            2.53
                                    2.53
                                            2.55
                                                    2.52
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## 11199 1994-03-04 ^IXIC
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                                  790.55
                                         790.88
                                                 785.36
                                                               0 3.114704e+04
## 11200 1994-03-04
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                            1.31
                                   1.31
                                            1.34
                                                   1.28 2025400 -9.983429e+01
                                    1.35
## 11201 1994-03-07
                    AAPL
                            1.35
                                            1.36
                                                   1.31 2771400 3.053435e+00
                    MSFT
                            2.54
                                            2.57
                                                           954400 8.814815e+01
## 11202 1994-03-07
                                    2.54
                                                   2.52
## 11203 1994-03-07 ^IXIC
                          793.63
                                  795.05
                                         795.71 792.06
                                                              0 3.120118e+04
## 11204 1994-03-08 ^IXIC
                          794.09
                                  792.12
                                         795.36 790.36
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                                            2.54
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                    AAPL
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                                    1.32
                                            1.36
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## 11206 1994-03-08
## 11207 1994-03-09 ^IXIC
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                                  793.05 794.76
                                                 789.29
                                                               0 5.997955e+04
## 11208 1994-03-09
                    MSFT
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                                   2.53
                                          2.55
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## 11209 1994-03-09
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                    AAPL
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                                           2.57
## 11210 1994-03-10
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## 11211 1994-03-10 AAPL
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                                          1.34
                                                 1.31 1283600 -4.743083e+01
## 11212 1994-03-10 ^IXIC 793.87 789.09 795.04 787.01
                                                         0 5.923008e+04
```

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## 11213 1994-03-11 AAPL
                              1.33
                                      1.33
                                              1.35
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## 11214 1994-03-11 MSFT
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                                                            1089300 9.172932e+01
                                      2.55
                                              2.57
                                                       2.52
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                                            789.69
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                     MSFT
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                                                                      3.015954e+04
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                            790.47
                                    792.80
                                            793.24
                                                    789.71
                                                                   0
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                     AAPL
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                                      1.36
                                              1.38
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## 11219 1994-03-15
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                              1.34
                                      1.34
                                              1.37
                                                       1.33
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                     MSFT
## 11220 1994-03-15
                              2.65
                                      2.65
                                               2.66
                                                       2.61
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## 11221 1994-03-15 ^IXIC
                            794.46
                                    793.52
                                            795.65
                                                    792.44
                                                                   0
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## 11222 1994-03-16
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                              1.31
                                      1.31
                                               1.35
                                                       1.30
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## 11223 1994-03-16
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                                      2.65
                                               2.66
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                                               1.32
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                                    803.85
                                            804.31
                                                    800.06
                                                                   0 6.173462e+04
## 11226 1994-03-17 ^IXIC
## 11227 1994-03-17
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                                              2.66
                                                       2.64
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                                              1.31
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                                                       2.61
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                                    803.93
                                            804.43
                                                    799.19
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                                            803.39
## 11231 1994-03-21 ^IXIC
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                                                    797.12
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                                      1.27
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                                                       1.26
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                                               2.68
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                                      2.73
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## 11242 1994-03-24
                    ^IXIC
                            793.65
                                    786.68
                                            796.85
                                                    783.28
                                                                   0 6.385772e+04
                    ^IXIC
## 11243 1994-03-25
                            785.81
                                    783.45
                                            787.69
                                                    783.38
                                                                   0 -4.105863e-01
## 11244 1994-03-25
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                                      1.17
                                               1.24
                                                       1.17
                                                             3068200 -9.985066e+01
## 11245 1994-03-25
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                                      2.73
                                               2.79
                                                       2.72
                                                             3189100 1.333333e+02
                     MSFT
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                                              2.75
                                                       2.62
                                                             3700100 -1.098901e+00
## 11246 1994-03-28
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## 11247 1994-03-28
                    ^IXIC
                            780.01
                                    772.50
                                            784.64
                                                    767.46
                                                                      2.851111e+04
                                                                   0
## 11248 1994-03-28
                                              1.21
                                                       1.17
                                                             2523000 -9.984595e+01
                     AAPL
                              1.19
                                      1.19
## 11249 1994-03-29 ^IXIC
                           770.41
                                    755.29
                                            773.41
                                                    755.29
                                                                   0 6.336975e+04
## 11250 1994-03-29
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                                      2.58
                                              2.70
                                                       2.58
                                                             2448100 -9.965841e+01
## 11251 1994-03-29
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                                                             1906400 -5.465116e+01
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## 11252 1994-03-30 ^IXIC
                           746.13
                                                    741.80
                                    744.91
                                            753.27
                                                                   0 6.356752e+04
                     AAPL
## 11253 1994-03-30
                              1.16
                                      1.16
                                              1.19
                                                       1.13
                                                             1516300 -9.984428e+01
## 11254 1994-03-30
                     MSFT
                              2.61
                                      2.61
                                               2.66
                                                       2.58
                                                             2715400 1.250000e+02
## 11255 1994-03-31 ^IXIC
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                                    743.46
                                            747.70
                                                    731.85
                                                                   0
                                                                      2.838506e+04
                              2.65
                                                             2259300 -9.964356e+01
## 11256 1994-03-31
                     MSFT
                                      2.65
                                              2.68
                                                       2.58
## 11257 1994-03-31
                     AAPL
                              1.19
                                      1.19
                                              1.20
                                                       1.13
                                                             1866600 -5.509434e+01
## 11258 1994-04-04
                     MSFT
                              2.64
                                      2.64
                                               2.68
                                                       2.56
                                                             2313300 1.218487e+02
## 11259 1994-04-04 ^IXIC
                           723.06
                                    727.41
                                            737.13
                                                    721.61
                                                                   0 2.745341e+04
## 11260 1994-04-04
                     AAPL
                              1.19
                                      1.19
                                               1.19
                                                       1.13
                                                            1502700 -9.983641e+01
## 11261 1994-04-05
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                                      1.20
                                               1.22
                                                       1.20
                                                              874100 8.403361e-01
## 11262 1994-04-05
                     MSFT
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                                      2.74
                                              2.74
                                                       2.66
                                                             3183700
                                                                      1.283333e+02
                           739.55
                                            751.08
                                                    731.95
## 11263 1994-04-05 ^IXIC
                                    750.95
                                                                   0
                                                                      2.730693e+04
## 11264 1994-04-06 ^IXIC
                           751.55
                                    750.72
                                            752.45
                                                    745.39
                                                                   0 -3.062787e-02
## 11265 1994-04-06
                     AAPL
                              1.20
                                      1.20
                                              1.21
                                                       1.17
                                                             1152600 -9.984015e+01
## 11266 1994-04-06 MSFT
                              2.78
                                      2.78
                                              2.79
                                                       2.73 2524400 1.316667e+02
```

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## 11267 1994-04-07 MSFT
                                              2.77 2394700 7.194245e-01
                        2.80
                                2.80
                                      2.82
## 11268 1994-04-07 ^IXIC 750.97 755.17 755.30 750.46
                                                     0 2.687036e+04
                        1.19
                                      1.21 1.17
## 11269 1994-04-07 AAPL
                               1.19
                                                      690800 -9.984242e+01
                                        1.21
                               1.20
## 11270 1994-04-08
                  AAPL
                          1.20
                                               1.19 1579000 8.403361e-01
## 11271 1994-04-08 MSFT
                          2.72
                                 2.72
                                        2.81
                                               2.71 3709700 1.266667e+02
## 11272 1994-04-08 ^IXIC
                       753.23
                               748.71
                                     755.35 746.09
                                                       0 2.742610e+04
## 11273 1994-04-11 AAPL
                         1.20
                                1.20
                                       1.20
                                              1.16
                                                      953800 -9.983972e+01
## 11274 1994-04-11 ^IXIC
                                                          0 6.224250e+04
                       747.50 748.11 749.45 746.27
## 11275 1994-04-11 MSFT
                         2.72
                                2.72
                                       2.73
                                              2.69 1262500 -9.963642e+01
## 11276 1994-04-12 AAPL
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                                        1.19
                                              1.13 1221700 -5.808824e+01
                               1.14
## 11277 1994-04-12 MSFT
                          2.65
                               2.65
                                        2.71
                                             2.59 2655300 1.324561e+02
## 11278 1994-04-12 ^IXIC
                               739.22 747.83 738.02
                                                     0 2.779509e+04
                       746.17
                               727.38 741.59 723.95
## 11279 1994-04-13 ^IXIC
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                                                         0 -1.601688e+00
## 11280 1994-04-13 AAPL
                        1.13
                               1.13
                                      1.16
                                             1.12 2081600 -9.984465e+01
## 11281 1994-04-13 MSFT
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                               2.65
                                        2.67
                                             2.59 2176400 1.345133e+02
                                              2.62 1659000 -7.547170e-01
## 11282 1994-04-14 MSFT
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                               2.63
                                      2.66
## 11283 1994-04-14 ^IXIC
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                              727.31 730.70 721.57
                                                          0 2.755437e+04
## 11284 1994-04-14 AAPL
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                               1.13
                                      1.13
                                              1.07 1982100 -9.984463e+01
## 11285 1994-04-15 ^IXIC
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                               727.97 729.98 726.88
                                                         0 6.432212e+04
## 11286 1994-04-15 MSFT
                        2.65
                               2.65
                                       2.66
                                              2.61 1101300 -9.963597e+01
                          1.08
                                        1.13
## 11287 1994-04-15
                  AAPL
                               1.08
                                              1.07 1681700 -5.924528e+01
## 11288 1994-04-18 ^IXIC
                       731.12 720.45 731.28 719.72
                                                          0 6.660833e+04
## 11289 1994-04-18 MSFT
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                                       2.68
                         2.59
                                              2.57 2437700 -9.964050e+01
## 11290 1994-04-18 AAPL
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                                1.06
                                        1.09
                                               1.04 2056200 -5.907336e+01
## 11291 1994-04-19 AAPL
                         1.04
                               1.04
                                        1.07
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## 11292 1994-04-19 ^IXIC
                       722.35
                              712.85 723.25 709.10
                                                          0 6.844327e+04
## 11293 1994-04-19 MSFT
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                               2.75
                                       2.80
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## 11294 1994-04-20
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                               1.01
                                        1.07
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                          1.01
## 11295 1994-04-20 ^IXIC
                       716.32 705.52 717.72 703.40
                                                          0 6.975347e+04
## 11296 1994-04-20 MSFT
                               2.80
                                      2.80
                                              2.72 3272900 -9.960313e+01
                        2.80
                                              0.96 3665500 -6.214286e+01
## 11297 1994-04-21 AAPL
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                               1.06
                                        1.09
## 11298 1994-04-21 MSFT
                          2.86
                               2.86
                                        2.87
                                              2.79 4438300 1.698113e+02
## 11299 1994-04-21 ^IXIC
                               718.74 718.74 707.11
                       709.62
                                                          0 2.503077e+04
                         1.06
## 11300 1994-04-22 AAPL
                               1.06
                                      1.14
                                              1.02 6230600 -9.985252e+01
## 11301 1994-04-22 ^IXIC
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                        721.84
                                                       0 6.806604e+04
## 11302 1994-04-22 MSFT
                         2.87
                               2.87
                                       2.90
                                              2.84 2064400 -9.960280e+01
## 11303 1994-04-25 ^IXIC
                       723.85
                               730.80 731.11 723.56
                                                          0 2.536341e+04
## 11304 1994-04-25 MSFT
                          2.93
                                2.93
                                       2.95
                                              2.86 4460800 -9.959907e+01
## 11305 1994-04-25
                  AAPL
                          1.11
                               1.11
                                        1.11
                                               1.05 3207500 -6.211604e+01
                                              1.11 1466300 9.009009e-01
## 11306 1994-04-26 AAPL
                          1.12
                               1.12
                                        1.13
## 11307 1994-04-26 MSFT
                          2.97
                               2.97
                                        2.98
                                              2.94 3537300 1.651786e+02
                               734.21 734.38 731.31
                                                     0 2.462088e+04
## 11308 1994-04-26 ^IXIC
                       733.53
## 11309 1994-04-28 ^IXIC
                               731.69 736.22 730.96
                        736.03
                                                       0 -3.432261e-01
## 11310 1994-04-28
                        1.08
                               1.08
                                              1.06
                                                      897100 -9.985240e+01
                  AAPL
                                       1.12
## 11311 1994-04-28
                  MSFT
                          2.88
                               2.88
                                        2.98
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## 11312 1994-04-29 AAPL
                         1.07
                               1.07
                                             1.06 846300 -6.284722e+01
                                      1.09
                        729.73
                               733.84 734.37 728.59
## 11313 1994-04-29 ^IXIC
                                                      0 6.848318e+04
## 11314 1994-04-29 MSFT
                        2.89
                               2.89
                                      2.92
                                              2.85 1775100 -9.960618e+01
## 11315 1994-05-02 ^IXIC
                       733.97
                               740.68 740.94 732.72
                                                       0 2.552907e+04
                                              1.07 1100200 -9.985014e+01
## 11316 1994-05-02
                  AAPL
                         1.11
                               1.11
                                       1.12
## 11317 1994-05-02
                  MSFT
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                               2.98
                                        2.99
                                              2.88 2476900 1.684685e+02
## 11318 1994-05-03 MSFT
                          2.92
                               2.92 2.98
                                             2.91 1310300 -2.013423e+00
## 11319 1994-05-03 AAPL
                         1.08
                               1.08 1.12 1.05 1186600 -6.301370e+01
## 11320 1994-05-03 ^IXIC 741.85 739.37 742.46 736.25 0 6.836019e+04
```

```
## 11321 1994-05-04 MSFT
                              2.97
                                      2.97
                                               2.98
                                                       2.90 2152800 -9.959831e+01
## 11322 1994-05-04
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                              1.18
                                      1.18
                                               1.19
                                                       1.09
                                                             3251400 -6.026936e+01
## 11323 1994-05-04 ^IXIC
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                                    740.30
                                            741.46
                                                     737.43
                                                                    0 6.263729e+04
## 11324 1994-05-05
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                                                             2574400 -9.984196e+01
                                      1.17
                                                       1.15
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                    ^IXIC
                            741.36
                                    740.55
                                             742.43
                                                     739.92
                                                                    0
## 11326 1994-05-05
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                              2.95
                                               3.01
                                                             1761700 -9.960165e+01
                                      2.95
                                                       2.94
## 11327 1994-05-06 ^IXIC
                            732.19
                                    732.86
                                            737.40
                                                     730.02
                                                                    0 2.474271e+04
                     MSFT
                                                       2.84
## 11328 1994-05-06
                              2.88
                                      2.88
                                               2.95
                                                             3012600 -9.960702e+01
## 11329 1994-05-06
                      AAPL
                              1.15
                                      1.15
                                               1.17
                                                       1.12
                                                             1676600 -6.006944e+01
## 11330 1994-05-09 ^IXIC
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                                    722.96
                                            731.73
                                                     722.49
                                                                    0 6.276609e+04
## 11331 1994-05-09
                      AAPL
                              1.12
                                      1.12
                                               1.16
                                                       1.10
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## 11332 1994-05-09
                      MSFT
                              2.88
                                               2.93
                                                             1487500 1.571429e+02
                                      2.88
                                                       2.86
## 11333 1994-05-10
                      MSFT
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                                      2.94
                                               2.95
                                                       2.90
                                                             2040800
                                                                      2.083333e+00
## 11334 1994-05-10
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                              1.11
                                      1.11
                                               1.14
                                                       1.11
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## 11335 1994-05-10 ^IXIC
                            727.40
                                    725.00
                                            729.33
                                                     724.08
                                                                    0 6.521532e+04
## 11336 1994-05-11
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                              1.08
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                                               1.13
                                                       1.06
                                                             1299300 -9.985103e+01
                            724.54
                                            725.59
                                                     716.61
## 11337 1994-05-11 ^IXIC
                                    717.00
                                                                    0 6.628889e+04
## 11338 1994-05-11
                      MSFT
                              2.92
                                      2.92
                                               2.95
                                                       2.90
                                                             1794800 -9.959275e+01
## 11339 1994-05-12
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                              2.95
                                               2.98
                                                       2.91
                                                             1843700 1.027397e+00
                                      2.95
## 11340 1994-05-12 ^IXIC
                            721.17
                                    719.61
                                            722.16
                                                     718.98
                                                                    0
                                                                       2.429356e+04
## 11341 1994-05-12
                      AAPL
                              1.06
                                      1.06
                                               1.10
                                                       1.05
                                                              956300 -9.985270e+01
## 11342 1994-05-13
                      AAPL
                              1.07
                                      1.07
                                               1.09
                                                       1.04
                                                              826900
                                                                      9.433962e-01
## 11343 1994-05-13
                     MSFT
                              3.02
                                               3.05
                                                       2.95
                                      3.02
                                                             5619500
                                                                     1.822430e+02
## 11344 1994-05-13 ^IXIC
                                    716.92
                                            720.14
                                                     713.25
                            717.32
                                                                    0
                                                                       2.363907e+04
                     MSFT
                                               3.02
## 11345 1994-05-16
                              2.97
                                      2.97
                                                       2.96
                                                             1769800 -9.958573e+01
## 11346 1994-05-16 ^IXIC
                            715.23
                                    711.91
                                            716.96
                                                     711.09
                                                                   0 2.387003e+04
## 11347 1994-05-16
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                              1.05
                                      1.05
                                               1.09
                                                       1.05
                                                             1208800 -9.985251e+01
## 11348 1994-05-17
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                                      2.96
                                               2.98
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                                                             3827000 1.819048e+02
## 11349 1994-05-17 ^IXIC
                                                     703.84
                                                                    0 2.393784e+04
                            708.41
                                    711.52
                                            712.14
## 11350 1994-05-17
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                                      1.05
                                               1.06
                                                       1.03
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## 11351 1994-05-18
                      MSFT
                              3.03
                                      3.03
                                               3.05
                                                       2.96
                                                             3029800 1.885714e+02
## 11352 1994-05-18 ^IXIC
                            715.50
                                    721.90
                                            722.58
                                                     714.62
                                                                    0 2.372508e+04
## 11353 1994-05-18
                      AAPL
                              1.09
                                      1.09
                                               1.10
                                                       1.04
                                                             1105900 -9.984901e+01
                            723.26
                                            728.95
                    ^IXIC
                                    727.31
                                                     722.52
## 11354 1994-05-19
                                                                    0 6.662569e+04
## 11355 1994-05-19
                      MSFT
                              3.07
                                      3.07
                                               3.09
                                                       3.03
                                                             2801600 -9.957790e+01
## 11356 1994-05-19
                              1.15
                                               1.16
                                                       1.09
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                                      1.15
## 11357 1994-05-20
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                                      3.05
                                               3.10
                                                       3.04
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## 11358 1994-05-20 ^IXIC
                           727.21
                                    726.70
                                            727.33
                                                     725.06
                                                                    0 2.372623e+04
## 11359 1994-05-20
                      AAPL
                              1.11
                                      1.11
                                               1.15
                                                       1.11
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## 11360 1994-05-23
                      AAPL
                              1.09
                                               1.12
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                                                       1.07
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## 11361 1994-05-23
                              3.16
                                      3.16
                                               3.19
                                                       3.03
## 11362 1994-05-23 ^IXIC
                            727.60
                                    724.95
                                            728.11
                                                     723.02
                                                                      2.284146e+04
                                                                    0
## 11363 1994-05-24
                     MSFT
                              3.20
                                      3.20
                                               3.24
                                                       3.14
                                                             5321500 -9.955859e+01
## 11364 1994-05-24
                    ^IXIC
                            727.89
                                    731.47
                                             732.02
                                                     726.58
                                                                    0 2.275844e+04
## 11365 1994-05-24
                      AAPL
                              1.10
                                      1.10
                                               1.12
                                                       1.08
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                    ^IXIC
                                                     727.51
## 11366 1994-05-25
                            729.06
                                    732.07
                                            732.90
                                                                       6.645182e+04
                                                                    0
## 11367 1994-05-25
                      AAPL
                              1.12
                                      1.12
                                               1.13
                                                       1.07
                                                             1215300 -9.984701e+01
                      MSFT
                              3.28
                                               3.30
## 11368 1994-05-25
                                      3.28
                                                       3.14
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                                                       1.08
## 11369 1994-05-26
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                              1.09
                                      1.09
                                               1.13
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## 11370 1994-05-26
                     ^IXIC
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                                    731.64
                                             734.43
                                                     730.14
                                                                       6.702294e+04
                                                                    0
## 11371 1994-05-26
                     MSFT
                              3.25
                                                             4018500 -9.955579e+01
                                      3.25
                                               3.30
                                                       3.20
## 11372 1994-05-27 ^IXIC
                            730.51
                                    733.14
                                            733.59
                                                     729.37
                                                                    0 2.245815e+04
## 11373 1994-05-27
                     AAPL
                              1.07
                                      1.07
                                               1.10
                                                       1.05
                                                              970400 -9.985405e+01
## 11374 1994-05-27 MSFT
                              3.27
                                      3.27
                                               3.30
                                                       3.20 2971500 2.056075e+02
```

```
## 11375 1994-05-31 ^IXIC 730.83 735.19 735.42 730.50
                                                      0 2.238287e+04
## 11376 1994-05-31 AAPL
                        1.04
                                1.04
                                       1.05
                                              1.02 2298200 -9.985854e+01
                          3.36
                                        3.36
## 11377 1994-05-31 MSFT
                                 3.36
                                               3.24 4750000 2.230769e+02
## 11378 1994-06-01 ^IXIC
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                                                        0 2.179048e+04
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## 11379 1994-06-01
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                                1.01
                                       1.02
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## 11380 1994-06-01
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                                3.31
                                         3.34
                                               3.27
                                                     6297800 2.277228e+02
## 11381 1994-06-02 AAPL
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                               0.98
                                        1.02
                                              0.97 3436800 -7.039275e+01
## 11382 1994-06-02 MSFT
                          3.27
                                3.27
                                              3.25 3768200 2.336735e+02
                                         3.34
## 11383 1994-06-02 ^IXIC
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                               739.50 739.73 735.63
                                                           0 2.251468e+04
## 11384 1994-06-03 MSFT
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                                3.30
                                              3.27 5427600 -9.955375e+01
                                       3.34
## 11385 1994-06-03 ^IXIC
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                               742.38 743.69 729.74
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                                              0.96 3157900 -9.986665e+01
## 11386 1994-06-03 AAPL
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                                0.99
                                       1.00
## 11387 1994-06-06
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                                3.41
                                         3.41
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## 11388 1994-06-06 ^IXIC
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                               743.43 744.94 741.94
                                                         0 2.170147e+04
## 11389 1994-06-06 AAPL
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                                0.98
                                        0.99
                                              0.96 1125300 -9.986818e+01
## 11390 1994-06-07 MSFT
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                         3.35
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                                        3.39
## 11391 1994-06-07 ^IXIC
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                               739.30 742.67 738.95
                                                           0 2.196866e+04
## 11392 1994-06-07 AAPL
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                               0.98
                                       0.99
                                              0.97 1252200 -9.986744e+01
                                                          0 7.436837e+04
## 11393 1994-06-08 ^IXIC
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                               729.79 740.33 728.70
## 11394 1994-06-08 AAPL
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                                0.93
                                       0.99
                                              0.93 2446900 -9.987257e+01
## 11395 1994-06-08
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                                         3.35
                                              3.23 12739700 2.494624e+02
## 11396 1994-06-09 MSFT
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                                3.27
                                         3.29
                                              3.23 4959800 6.153846e-01
## 11397 1994-06-09 ^IXIC
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                                                           0 2.218991e+04
## 11398 1994-06-09 AAPL
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                                       0.96
                                              0.91 2620800 -9.986829e+01
## 11399 1994-06-10 MSFT
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                                3.29
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## 11400 1994-06-10 ^IXIC
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                                                           0 2.221763e+04
## 11401 1994-06-10 AAPL
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                                0.95
                                       0.98
                                              0.94 1275400 -9.987062e+01
## 11402 1994-06-13 MSFT
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                                 3.30
                                        3.34
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## 11403 1994-06-13 ^IXIC
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                                              0.94
## 11404 1994-06-13 AAPL
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                                       0.97
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## 11405 1994-06-14 ^IXIC
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## 11406 1994-06-14 AAPL
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                               0.97
                                       0.98
                                              0.95 1378200 -9.986820e+01
## 11407 1994-06-14 MSFT
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                               3.35
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## 11408 1994-06-15 AAPL
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                               0.99
                                        1.00
                                              0.94 1423900 -7.044776e+01
## 11409 1994-06-15
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## 11410 1994-06-15 ^IXIC
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## 11411 1994-06-16 MSFT
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                                       3.39
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## 11412 1994-06-16 ^IXIC
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## 11413 1994-06-16 AAPL
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                                0.94
                                       0.99
                                              0.93 1948400 -9.987210e+01
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                                         0.96
## 11414 1994-06-17
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## 11415 1994-06-17 MSFT
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                                3.31
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                                              3.30 2977500 2.484211e+02
## 11416 1994-06-17 ^IXIC
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                               729.35 735.78 728.84
                               718.85 726.45 718.27
## 11417 1994-06-20 ^IXIC
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## 11418 1994-06-20
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                                       3.34
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## 11419 1994-06-20
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                               0.97
                                       0.97
                                              0.93 1784800 -7.095808e+01
## 11420 1994-06-21 MSFT
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                               3.29
                                              3.25 5437200 2.391753e+02
                                         3.34
                                       0.97
## 11421 1994-06-21 AAPL
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                                0.93
                                              0.92 2172100 -7.173252e+01
## 11422 1994-06-21 ^IXIC
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                                                          0 7.611398e+04
## 11423 1994-06-22 AAPL
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                               0.94
                                         0.96
                                             0.93 1016600 -9.986738e+01
                                 3.22
                                               3.20 5182800 2.425532e+02
## 11424 1994-06-22 MSFT
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                                         3.31
## 11425 1994-06-22 ^IXIC
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                               712.74 714.67 710.52
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## 11426 1994-06-23 MSFT
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                                       3.27
                                              3.13 5373700 -9.956085e+01
                          3.13
## 11427 1994-06-23 AAPL
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                                 0.90
                                       0.94
                                              0.89 1820500 -7.124601e+01
## 11428 1994-06-23 ÎXIC 712.91 700.85 714.01 700.24 0 7.777222e+04
```

```
## 11429 1994-06-24 MSFT
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                                  3.09
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## 11430 1994-06-24 ^IXIC
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                                693.79 699.78 693.30
                                                            0 2.235275e+04
## 11431 1994-06-24 AAPL
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                                 0.91
                                        0.93
                                                0.88 2614800 -9.986884e+01
                   MSFT
                                  3.24
                                          3.26
                                                3.09
## 11432 1994-06-27
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## 11433 1994-06-27 ^IXIC
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                                702.68 702.93 690.95
                                                             0 2.158765e+04
## 11434 1994-06-27
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                                  0.94
                                        0.94
                                                 0.88 2285300 -9.986623e+01
                   MSFT
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                                  3.21
                                          3.30
                                                 3.16 6213600 2.414894e+02
## 11435 1994-06-28
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                                          0.97
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## 11436 1994-06-28
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## 11437 1994-06-28 ^IXIC
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                                 702.05 706.99
                                               698.40
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                         702.58
                                704.01 707.96 702.51
## 11438 1994-06-29 ^IXIC
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## 11439 1994-06-29
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                                  3.21
                                          3.24
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                                                0.92 1210400 -7.102804e+01
## 11440 1994-06-29
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                                          0.97
## 11441 1994-06-30
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                                 0.95
                                          0.96
                                                0.94
                                                        908300 2.150538e+00
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                                  3.22
                                          3.26
                                                3.19
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## 11442 1994-06-30
## 11443 1994-06-30 ^IXIC
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                                705.96 707.49 702.19
                                                            0 2.182422e+04
## 11444 1994-07-01
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                                 0.92
                                         0.95
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## 11445 1994-07-01
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                                  3.14
                                          3.23
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## 11446 1994-07-01 ^IXIC
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## 11447 1994-07-05
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                                 3.07
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## 11448 1994-07-05
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                                  0.95
                                          0.96
                                                0.92
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## 11449 1994-07-05 ^IXIC
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## 11450 1994-07-06 MSFT
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## 11451 1994-07-06 ^IXIC
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                                                0.93
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## 11453 1994-07-07 ^IXIC
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## 11454 1994-07-07
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## 11455 1994-07-07
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## 11456 1994-07-08 MSFT
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## 11457 1994-07-08 ^IXIC
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## 11458 1994-07-08 AAPL
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## 11459 1994-07-11 AAPL
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                                          0.98
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## 11460 1994-07-11 ^IXIC
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## 11461 1994-07-11 MSFT
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                                 3.02
                                        3.10
## 11462 1994-07-12 ^IXIC
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## 11463 1994-07-12
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                                        1.02
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## 11464 1994-07-12
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                                          3.02
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## 11465 1994-07-13
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                                 1.06
                                          1.08
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## 11466 1994-07-13 MSFT
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                                 3.09
                                          3.09
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## 11467 1994-07-13 ^IXIC
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                                719.35 719.53
                                               710.88
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## 11468 1994-07-14 MSFT
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                                 3.05
                                          3.10
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## 11469 1994-07-14 ^IXIC
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                                721.56
                                       725.19
                                               720.35
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## 11470 1994-07-14 AAPL
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                                 1.02
                                          1.06
                                                1.01
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## 11471 1994-07-15 ^IXIC
                         721.64
                                                             0 7.062157e+04
## 11472 1994-07-15
                          1.01
                                 1.01
                                        1.01
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                                                        813400 -9.985999e+01
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                   MSFT
                           3.04
                                 3.04
                                          3.09
                                                3.00
## 11473 1994-07-15
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                                                3.09 9406200 3.947368e+00
## 11474 1994-07-18
                   MSFT
                           3.16
                                 3.16
                                          3.23
                                722.62 722.64 720.15
## 11475 1994-07-18 ^IXIC
                         722.30
                                                             0 2.276772e+04
                    AAPL
                         1.01
                                 1.01
                                        1.04
                                                1.00
## 11476 1994-07-18
                                                         682400 -9.986023e+01
## 11477 1994-07-19
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                           0.99
                                 0.99
                                          1.03
                                                0.98
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## 11478 1994-07-19
                   MSFT
                           3.13
                                  3.13
                                          3.16
                                                3.10
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## 11479 1994-07-19 ^IXIC
                         722.70
                                719.32 723.01 719.08
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                                        0.99
## 11480 1994-07-20 AAPL
                           0.95
                                                0.94 1940800 -9.986793e+01
## 11481 1994-07-20 MSFT
                           3.02
                                  3.02
                                          3.13
                                                2.99 7037800 2.178947e+02
## 11482 1994-07-20 ^IXIC 719.57 712.77 719.57 711.08
                                                       0 2.350166e+04
```

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## 11483 1994-07-21 ^IXIC 713.32 715.03 715.03 710.55
                                                        0 3.170728e-01
## 11484 1994-07-21 MSFT
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                                       3.05
                                               2.97 5358800 -9.958323e+01
## 11485 1994-07-21 AAPL
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                                1.00
                                         1.02
                                               0.95 2584600 -6.644295e+01
## 11486 1994-07-22 AAPL
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                                                1.07
                                                      7022000 1.100000e+01
                           1.11
                                         1.14
## 11487 1994-07-22 ^IXIC
                        716.76
                                716.68 717.13 713.93
                                                           0 6.446577e+04
## 11488 1994-07-22 MSFT
                           3.16
                                 3.16
                                       3.17
                                               2.95 9557300 -9.955908e+01
## 11489 1994-07-25
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                                         1.14
                                                1.10 3773700 -6.424051e+01
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                                               3.14 3219600 1.831858e+02
## 11490 1994-07-25
                  MSFT
                                  3.20
                                         3.23
                           3.20
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                                716.88 716.88 714.65
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## 11492 1994-07-26 ^IXIC
                        717.10
                                715.66 717.10 714.43
                                                            0 -1.701819e-01
## 11493 1994-07-26
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                                1.12
                                         1.14
                                               1.11 1685800 -9.984350e+01
                  MSFT
                                                3.11 3394300 1.812500e+02
## 11494 1994-07-26
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                                  3.15
                                         3.20
## 11495 1994-07-27 ^IXIC
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                               712.13 716.36 712.01
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## 11496 1994-07-27
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                                1.11
                                               1.09 1194500 -9.984413e+01
                         1.11
                                       1.12
## 11497 1994-07-27
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                                3.09
                                       3.15
                                               3.09 1830700 1.783784e+02
## 11498 1994-07-28
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                                         1.15
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## 11499 1994-07-28
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                                3.09
                                        3.14
                                               3.08 2493700 1.710526e+02
## 11500 1994-07-28 ^IXIC
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                               712.43 714.31 711.87
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## 11501 1994-07-29 AAPL
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                                                1.14 4962200 -9.983156e+01
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                                        1.21
## 11502 1994-07-29 ^IXIC
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                                722.16 722.23
                                              713.93
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## 11503 1994-07-29
                  MSFT
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                                3.22
                                         3.23
                                               3.10 4191500 -9.955412e+01
## 11504 1994-08-01
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                                 3.34
                                         3.35
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## 11505 1994-08-01 ^IXIC
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## 11506 1994-08-01 AAPL
                          1.19
                                1.19
                                        1.21
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## 11507 1994-08-02 MSFT
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                                3.30
                                         3.41
## 11508 1994-08-02 AAPL
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                                1.16
                                         1.20
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## 11509 1994-08-02 ^IXIC
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                         1.18
                                 1.18
                                         1.19
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                                         3.38
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## 11512 1994-08-03 ^IXIC
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                                1.19
                                        1.21
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## 11514 1994-08-04 ^IXIC
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                                720.18 724.80 719.80
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                   MSFT
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                                3.30
                                         3.35
                                               3.30 2512000 -9.954178e+01
## 11515 1994-08-04
## 11516 1994-08-05
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                                1.19
                                         1.19
                                               1.17
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                                               3.27 1950300 1.756303e+02
## 11517 1994-08-05
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                                 3.28
                                         3.30
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                               718.67 718.91 715.91
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## 11519 1994-08-08
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                                         1.21
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                                  3.31
                                         3.31
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                                720.47 720.48 717.05
                                                       0 2.166647e+04
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                                722.61 722.61 719.75
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                                         3.37
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## 11524 1994-08-09
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                                         3.40
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                                728.20 728.28 722.87
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## 11528 1994-08-11 MSFT
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                                3.45
                                         3.50
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                                  1.23
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## 11531 1994-08-12 MSFT
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                                 3.45
                                         3.48
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## 11532 1994-08-12 ^IXIC
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## 11533 1994-08-12
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                                        1.25
                                               1.21 1604000 -9.983051e+01
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                                 1.24
                                        1.25
                                               1.22 1072100 0.000000e+00
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## 11535 1994-08-15 MSFT
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                                3.40
                                       3.47
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## 11536 1994-08-15 ÎXIC 732.11 732.89 733.42 730.67 0 2.145559e+04
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## 11537 1994-08-16 ^IXIC 733.39 735.51 735.91 730.30
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                                    1.24
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## 11538 1994-08-16 AAPL
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                                           1.24
                                    3.43
## 11539 1994-08-16 MSFT
                            3.43
                                           3.45
                                                   3.38
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## 11540 1994-08-17 ^IXIC
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                         737.01
                                  742.66
                                        742.73
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## 11541 1994-08-17
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                                    3.49
                                            3.52
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## 11542 1994-08-17
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                            1.25
                                    1.25
                                            1.26
                                                   1.22
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## 11543 1994-08-18 ^IXIC
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                         742.27
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## 11544 1994-08-18
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## 11545 1994-08-18
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## 11546 1994-08-19 ^IXIC
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## 11547 1994-08-19
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                                  3.43
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## 11548 1994-08-19
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## 11550 1994-08-22 ^IXIC
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## 11553 1994-08-23
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                                                         2202900 -9.953706e+01
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## 11558 1994-08-25
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## 11561 1994-08-26
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## 11562 1994-08-26
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## 11563 1994-08-26 ^IXIC
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                                                         3539100 -9.953207e+01
## 11564 1994-08-29
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## 11565 1994-08-29 ^IXIC
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                                         765.97
                                                 762.91
                                                               0 2.127843e+04
## 11566 1994-08-29
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## 11567 1994-08-30
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## 11570 1994-08-31 ^IXIC
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## 11571 1994-08-31
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## 11573 1994-09-01
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                                                               0 2.159229e+04
## 11579 1994-09-06
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## 11585 1994-09-08
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                                           1.29
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## 11586 1994-09-08 ^IXIC
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## 11587 1994-09-08
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                                           1.29
## 11588 1994-09-09
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## 11589 1994-09-09 MSFT
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                                  3.55
                                         3.62
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## 11590 1994-09-09 ^IXIC 766.21 763.73 766.21 761.47
                                                          0 2.141352e+04
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                                  1.28
                                         1.28
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## 11592 1994-09-12 ^IXIC
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                                 760.01 763.71 759.06
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                    MSFT
## 11593 1994-09-12
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## 11594 1994-09-13
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                                                   3.52
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## 11597 1994-09-14 MSFT
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                                        768.64 765.05
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## 11602 1994-09-15
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                                           3.63
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## 11617 1994-09-22
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                                           1.22
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                                         762.24
                                                 756.82
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## 11620 1994-09-23
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                    MSFT
## 11633 1994-09-30
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                                                  3.47 1802100 -9.954337e+01
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## 11637 1994-10-03
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## 11643 1994-10-05 AAPL
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## 11644 1994-10-05 ^IXIC 746.19 746.28 746.46 737.62
                                                         0 5.518000e+04
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## 11645 1994-10-06 AAPL
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## 11647 1994-10-06 MSFT
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## 11666 1994-10-17
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## 11689 1994-10-26
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                                                        1756900 -5.958005e+01
                                                 3.80 2577400 1.500000e+02
## 11690 1994-10-27
                    MSFT
                           3.85
                                  3.85
                                           3.85
## 11691 1994-10-27
                    AAPL
                           1.53
                                   1.53
                                           1.56
                                                 1.52 1423200 -6.025974e+01
## 11692 1994-10-27 ^IXIC
                                 767.47 767.49 763.78
                         763.78
                                                             0 5.006144e+04
                           1.50
## 11693 1994-10-28
                   AAPL
                                  1.50
                                           1.53
                                                 1.49 2440400 -9.980455e+01
## 11694 1994-10-28
                    MSFT
                           3.88
                                   3.88
                                           3.90
                                                 3.84 3650900 1.586667e+02
## 11695 1994-10-28 ^IXIC
                         767.78
                                 776.15 776.15 766.97
                                                            0 1.990387e+04
                                  1.54
                                         1.55
                                                 1.47 3177700 -9.980158e+01
## 11696 1994-10-31 AAPL
                           1.50
## 11697 1994-10-31 MSFT
                           3.89
                                   3.94
                                         3.99
                                                 3.88 3745500 1.558442e+02
## 11698 1994-10-31 ^IXIC 775.87 777.49 778.81 774.50
                                                        0 1.963325e+04
```

```
## 11699 1994-11-01 MSFT
                              3.92
                                      3.92
                                               3.93
                                                       3.88 2476500 -9.949581e+01
## 11700 1994-11-01 ^IXIC
                           776.25
                                            776.25
                                    772.19
                                                     770.95
                                                                    0 1.959872e+04
## 11701 1994-11-01
                                      1.54
                                                       1.51
                      AAPL
                              1.53
                                               1.55
                                                             1946300 -9.980057e+01
## 11702 1994-11-02
                      AAPL
                              1.54
                                      1.48
                                               1.54
                                                       1.48
                                                             1953100 -3.896104e+00
## 11703 1994-11-02
                      MSFT
                              3.92
                                      3.94
                                               4.01
                                                       3.91
                                                             3838000
                                                                      1.662162e+02
## 11704 1994-11-02 ^IXIC
                            772.26
                                            776.86
                                    771.82
                                                     771.19
                                                                    0 1.948934e+04
                     MSFT
## 11705 1994-11-03
                              3.93
                                      3.92
                                               3.95
                                                       3.90
                                                             3965100 -9.949211e+01
## 11706 1994-11-03 ^IXIC
                            772.61
                                    772.10
                                             773.53
                                                     770.88
                                                                    0 1.959643e+04
## 11707 1994-11-03
                      AAPL
                              1.49
                                      1.48
                                               1.50
                                                       1.46
                                                              987800 -9.980831e+01
                                                     766.08
## 11708 1994-11-04
                    ^IXIC
                            772.70
                                    766.08
                                            773.51
                                                                    0 5.166216e+04
## 11709 1994-11-04
                      MSFT
                              3.91
                                      3.84
                                               3.95
                                                       3.83
                                                             2934200 -9.949875e+01
## 11710 1994-11-04
                      AAPL
                              1.48
                                               1.49
                                                             1715700 -6.250000e+01
                                      1.44
                                                       1.43
## 11711 1994-11-07
                      MSFT
                              3.85
                                      3.87
                                               3.88
                                                       3.81
                                                             2846400 1.687500e+02
## 11712 1994-11-07
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                              1.44
                                      1.46
                                               1.47
                                                       1.43
                                                             1007500 -6.227390e+01
## 11713 1994-11-07 ^IXIC
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                                    762.31
                                            766.22
                                                     762.01
                                                                    0 5.211301e+04
## 11714 1994-11-08
                      MSFT
                              3.87
                                      3.98
                                               3.99
                                                       3.86
                                                             2708000 -9.947790e+01
## 11715 1994-11-08
                              1.45
                                      1.51
                                               1.52
                                                             3115800 -6.206030e+01
                      AAPL
                                                       1.44
## 11716 1994-11-08 ^IXIC
                            762.61
                                    767.54
                                             767.64
                                                     762.61
                                                                    0 5.073046e+04
                            770.77
                                                                    0 -3.778305e-02
## 11717 1994-11-09 ^IXIC
                                             774.40
                                                     765.88
                                    767.25
## 11718 1994-11-09
                      AAPL
                              1.53
                                      1.49
                                               1.54
                                                       1.46
                                                             3628000 -9.980580e+01
## 11719 1994-11-09
                     MSFT
                              4.01
                                      3.99
                                               4.04
                                                       3.94
                                                             3757100 1.677852e+02
## 11720 1994-11-10 ^IXIC
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                                    764.38
                                            768.76
                                                     763.98
                                                                      1.905739e+04
                                                                    0
## 11721 1994-11-10
                      AAPL
                                               1.50
                              1.49
                                      1.48
                                                       1.46
                                                             1365900 -9.980638e+01
## 11722 1994-11-10
                      MSFT
                              3.97
                                               4.02
                                      3.98
                                                       3.97
                                                             1543100
                                                                      1.689189e+02
## 11723 1994-11-11
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                                      1.47
                                               1.48
                                                       1.46
                                                              554000 -6.306533e+01
## 11724 1994-11-11
                     MSFT
                              3.89
                                      3.89
                                               3.98
                                                       3.80
                                                             8291500 1.646259e+02
## 11725 1994-11-11 ^IXIC
                            763.94
                                    762.12
                                            765.13
                                                     761.47
                                                                    0
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## 11726 1994-11-14
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                                      4.03
                                               4.03
                                                       3.92
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## 11727 1994-11-14 ^IXIC
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                                                                    0 1.896055e+04
                                    768.14
                                            768.18
                                                     763.61
## 11728 1994-11-14
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                                               1.53
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## 11729 1994-11-15
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                                      4.04
                                               4.07
                                                       4.02
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## 11730 1994-11-15
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                              1.52
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                                               1.54
                                                       1.47
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## 11731 1994-11-15 ^IXIC
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                                    769.02
                                            771.78
                                                     766.86
                                                                    0 5.186081e+04
                                            770.90
## 11732 1994-11-16 ^IXIC
                                                     768.42
                            769.73
                                    769.64
                                                                    0 8.062209e-02
## 11733 1994-11-16
                      AAPL
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                                      1.46
                                               1.48
                                                       1.45
                                                             1672000 -9.981030e+01
                                               4.06
                                                             1887400
## 11734 1994-11-16
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                                      4.04
                                                       4.03
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## 11735 1994-11-17 ^IXIC
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                                    765.84
                                            771.06
                                                     763.85
                                                                    0
                                                                      1.885644e+04
## 11736 1994-11-17
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                              1.46
                                      1.43
                                               1.46
                                                       1.42
                                                             1343200 -9.981328e+01
## 11737 1994-11-17
                     MSFT
                              4.03
                                               4.05
                                                       3.99
                                                             2077000
                                                                       1.811189e+02
                                      4.02
## 11738 1994-11-18 ^IXIC
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                                            767.41
                                    764.67
                                                     762.96
                                                                    0 1.892164e+04
## 11739 1994-11-18
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                                      1.43
                                               1.45
                                                       1.42
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## 11740 1994-11-18
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                              4.01
                                               4.05
                                                       4.00
                                                             1603900 1.804196e+02
                                      4.01
## 11741 1994-11-21
                     MSFT
                              4.03
                                      3.97
                                               4.05
                                                       3.96
                                                             2222000 -9.975062e-01
## 11742 1994-11-21 ^IXIC
                            767.03
                                    757.74
                                            768.00
                                                     757.58
                                                                    0 1.898665e+04
## 11743 1994-11-21
                      AAPL
                              1.43
                                      1.36
                                               1.44
                                                       1.36
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## 11744 1994-11-22 ^IXIC
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                                    741.21
                                             756.57
                                                     741.20
                                                                    0 5.440074e+04
## 11745 1994-11-22
                      MSFT
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                                      3.88
                                               3.99
                                                       3.87
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                      AAPL
                              1.35
                                                             2003000 -6.572165e+01
## 11746 1994-11-22
                                      1.33
                                               1.40
                                                       1.33
                                                                    0 5.529098e+04
## 11747 1994-11-23
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                                    736.70
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                                                     728.78
## 11748 1994-11-23
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                                      1.32
                                               1.35
                                                       1.30
                                                             2926900 -9.982082e+01
## 11749 1994-11-23
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                                                             5469200
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                                                       3.82
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## 11750 1994-11-25
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                                      3.89
                                               3.90
                                                       3.85
                                                              785200 1.302083e+00
## 11751 1994-11-25 ^IXIC
                           737.22
                                    742.52
                                            742.57
                                                     737.22
                                                                    0 1.898792e+04
## 11752 1994-11-25 AAPL
                              1.32
                                      1.35
                                               1.35
                                                       1.31
                                                              752000 -9.981819e+01
```

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## 11753 1994-11-28 AAPL
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                                1.35
                                        1.37
                                              1.33 1230000 0.000000e+00
                                              3.89 2713400 1.933333e+02
## 11754 1994-11-28 MSFT
                         3.90
                               3.96
                                       3.97
## 11755 1994-11-28 ^IXIC 743.08
                               745.73 746.21 742.96
                                                          0 1.873157e+04
                       746.47
## 11756 1994-11-29 ^IXIC
                               751.48 751.70 745.88
                                                          0 7.710565e-01
## 11757 1994-11-29
                   MSFT
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                                4.01
                                       4.02
                                              3.97 2354600 -9.946639e+01
## 11758 1994-11-29
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                               1.37
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## 11759 1994-11-30
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                               3.93
                                        4.02
                                              3.92 2558400 1.868613e+02
## 11760 1994-11-30 AAPL
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                               1.33
                                       1.41
                                               1.32 2786000 -6.615776e+01
## 11761 1994-11-30 ^IXIC
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                               750.32 754.29 748.74
                                                      0 5.631504e+04
## 11762 1994-12-01 AAPL
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                               1.29
                                       1.34
                                              1.29 2761800 -9.982807e+01
## 11763 1994-12-01 MSFT
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                               3.91
                                         3.96
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## 11764 1994-12-01 ^IXIC
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                                                      0 1.884143e+04
                       748.83
                               745.02 745.12 739.28
## 11765 1994-12-02 ^IXIC
                        741.99
                                                          0 5.954551e-01
                                              1.27 1537800 -9.982417e+01
## 11766 1994-12-02 AAPL
                        1.30
                               1.31
                                      1.31
## 11767 1994-12-02 MSFT
                          3.92
                               3.95
                                       3.95
                                              3.88 2354900 2.015267e+02
## 11768 1994-12-05
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                                        1.33
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## 11769 1994-12-05
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                                3.96
                                        4.02
                                              3.95
                                                     2383200 1.977444e+02
## 11770 1994-12-05 ^IXIC
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                               745.71 747.81 744.73
                                                      0 1.873106e+04
## 11771 1994-12-06 MSFT
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                                3.96
                                       4.01
                                              3.94 2426900 -9.946896e+01
## 11772 1994-12-06 ^IXIC
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                               741.23 745.25 740.27
                                                       0 1.861793e+04
## 11773 1994-12-06
                  AAPL
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                               1.34
                                       1.37
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## 11774 1994-12-07
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                                1.31
                                        1.35
                                              1.29 1225900 -2.238806e+00
                                              3.94 2295500 2.007634e+02
## 11775 1994-12-07 MSFT
                          3.97
                                3.94
                                        3.99
## 11776 1994-12-07 ^IXIC
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                               734.27 740.24 733.59
                                                           0 1.853629e+04
                                              1.28 1517600 -9.982568e+01
## 11777 1994-12-08 AAPL
                          1.32
                               1.28
                                       1.32
## 11778 1994-12-08 MSFT
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                                 3.91
                                        3.99
                                              3.89 2620900 2.054688e+02
## 11779 1994-12-08 ^IXIC
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                               719.12 735.69 718.08
                                                      0 1.829182e+04
                         1.28
                                1.29
                                       1.30
                                              1.24 2327900 -9.982061e+01
## 11780 1994-12-09
                  AAPL
                  MSFT
                          3.90
                               3.95
                                        3.95
                                              3.89 4997100 2.062016e+02
## 11781 1994-12-09
                               719.05 719.42 710.94
                                                      0 1.810380e+04
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## 11783 1994-12-12 AAPL
                         1.30
                                1.30
                                       1.31
## 11784 1994-12-12 MSFT
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                                3.95
                                         3.97
                                               3.85
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## 11785 1994-12-12 ^IXIC
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                               719.12 720.99 712.48
                                                          0 1.810557e+04
## 11786 1994-12-13 MSFT
                         3.96
                               3.92
                                       3.97
                                              3.89 1888700 -9.945489e+01
## 11787 1994-12-13 ^IXIC
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                               719.49 720.61 718.02
                                                       0 1.825434e+04
## 11788 1994-12-13 AAPL
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                               1.30
                                       1.32
                                              1.29
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## 11789 1994-12-14 ^IXIC
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                               725.67 725.67 719.10
                                                          0 5.572077e+04
## 11790 1994-12-14 MSFT
                         3.91
                               3.95
                                       3.98
                                              3.91 2102200 -9.945568e+01
                                        1.36
## 11791 1994-12-14 AAPL
                          1.30
                               1.35
                                               1.30 2780600 -6.582278e+01
## 11792 1994-12-15 MSFT
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                               3.97
                                        4.01
                                               3.94 1803400 1.940741e+02
## 11793 1994-12-15 AAPL
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                               1.33
                                        1.37
                                               1.32 2032100 -6.649874e+01
## 11794 1994-12-15 ^IXIC
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                       727.04
                               730.68 730.70 727.04
                                1.33
                                              1.31 1604200 -9.981798e+01
## 11795 1994-12-16
                  AAPL
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                                       1.35
                        730.83
                               729.07
                                      732.02 729.06
## 11796 1994-12-16 ^IXIC
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## 11797 1994-12-16 MSFT
                          3.97
                               3.96
                                        4.02
                                              3.95 3376300 -9.945684e+01
## 11798 1994-12-19 AAPL
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                                               1.33 2971600 -6.464646e+01
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                                        1.41
                        728.75
                               727.89 729.16 726.66
## 11799 1994-12-19 ^IXIC
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## 11800 1994-12-19 MSFT
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                               3.92
                                       3.98
                                              3.86 1970200 -9.946146e+01
## 11801 1994-12-20 ^IXIC
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                               728.51 730.73 726.26
                                                       0 1.848444e+04
                               3.74
## 11802 1994-12-20
                  MSFT
                         3.91
                                       3.92
                                              3.67 15845200 -9.948662e+01
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## 11803 1994-12-20
                   AAPL
                          1.40
                                       1.40
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## 11804 1994-12-21 MSFT
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                               3.84
                                      3.85
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## 11805 1994-12-21 AAPL
                         1.35
                               1.37 1.38 1.34 1405700 -6.432292e+01
## 11806 1994-12-21 ^IXIC 729.72 737.12 737.13 729.72 0 5.370438e+04
```

```
## 11807 1994-12-22 ^IXIC
                           737.26
                                    739.34
                                            739.52
                                                     737.26
                                                                    0 3.011721e-01
                                       3.79
## 11808 1994-12-22
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                                               3.88
                                                       3.77
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## 11809 1994-12-22
                                                              1181000 -6.358839e+01
                      AAPL
                              1.38
                                       1.38
                                               1.39
                                                        1.37
                      MSFT
## 11810 1994-12-23
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                                       3.81
                                               3.84
                                                       3.77
                                                              1217800
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## 11811 1994-12-23
                     ^IXIC
                            739.03
                                     742.19
                                             743.17
                                                     739.00
                                                                    0
                                                                       1.938005e+04
## 11812 1994-12-23
                      AAPL
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                                       1.39
                                               1.41
                                                       1.38
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                      MSFT
## 11813 1994-12-27
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                                       3.80
                                               3.85
                                                       3.79
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                                    746.19
                                             746.20
                                                     743.60
                                                                    0
                                                                       1.953658e+04
## 11815 1994-12-27
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                                       1.40
                                               1.42
                                                       1.39
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                      MSFT
                              3.80
                                               3.81
## 11816 1994-12-28
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                                                        3.75
                                                              2185100 1.721429e+02
## 11817 1994-12-28
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                                    742.46
                                             746.55
                                                     740.79
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## 11818 1994-12-28
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                              1.40
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                                               1.40
## 11819 1994-12-29
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                                             749.67
## 11821 1994-12-29
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## 11822 1994-12-30
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                                               3.87
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                                       3.82
                                                        3.82
## 11824 1994-12-30 ^IXIC
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                                    751.96
                                             751.98
                                                     746.87
                                                                    0 1.958482e+04
## 11825 1995-01-03 ^IXIC
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                                                     743.53
                                    743.58
                                             751.31
                                                                    0 -1.114421e+00
## 11826 1995-01-03
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                              3.84
                                       3.76
                                               3.84
                                                       3.76
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## 11827 1995-01-03
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                              1.39
                                       1.37
                                               1.39
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                            744.77
## 11829 1995-01-04
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                                               1.42
                                                        1.38
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## 11830 1995-01-04
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                      MSFT
                                               3.81
## 11831 1995-01-05
                              3.80
                                       3.73
                                                       3.71
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                                             748.50
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                                                                    0 1.989088e+04
## 11833 1995-01-05
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                                                       1.38
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## 11834 1995-01-06
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## 11835 1995-01-06
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## 11837 1995-01-09
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## 11838 1995-01-09 ^IXIC
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                                                              2447000 -9.980454e+01
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## 11844 1995-01-11
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## 11847 1995-01-12
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## 11851 1995-01-13 ^IXIC
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## 11852 1995-01-16 ^IXIC
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                                                     762.19
                                                                       7.872363e-01
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## 11853 1995-01-16
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                                                              1687300 -6.034913e+01
## 11854 1995-01-16
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                                               1.62
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## 11855 1995-01-17 ^IXIC
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                                             772.16
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## 11856 1995-01-17
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                                       4.04
                                               4.07
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## 11857 1995-01-17
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                                       4.07
                                               4.08
                                                       4.02
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## 11859 1995-01-18 ^IXIC
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                                            774.31
                                                     769.18
                                                                    0 1.887740e+04
## 11860 1995-01-18 AAPL
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                                               1.63
                                                       1.60 1139800 -9.978896e+01
                              1.61
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                                         4.06
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## 11862 1995-01-19 AAPL
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                                 1.64
                                           1.64
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## 11863 1995-01-19 ^IXIC
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                                768.55 772.34 768.32
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## 11864 1995-01-20 ^IXIC
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                         767.99
                                                             0 -8.457485e-01
## 11865 1995-01-20
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                                          1.68
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## 11866 1995-01-20
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                                   3.85
                                           3.98
                                                 3.83 5148400 1.532895e+02
## 11867 1995-01-23
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## 11868 1995-01-23 ^IXIC
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                                        759.58
## 11869 1995-01-23
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                                           3.94
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                                           1.51
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                   MSFT
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                                   3.88
                                           3.95
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## 11873 1995-01-25 ^IXIC
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                                 760.98 763.34 757.19
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## 11874 1995-01-25
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                                 3.86
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## 11875 1995-01-25
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## 11876 1995-01-26
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                                  3.74
                                           3.81
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## 11877 1995-01-26 ^IXIC
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## 11878 1995-01-26
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                                          1.48
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## 11879 1995-01-27 ^IXIC
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                                 758.91
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## 11881 1995-01-27
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## 11883 1995-01-30 MSFT
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                                  3.69
                                           3.76
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## 11884 1995-01-30
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                                          1.45
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## 11885 1995-01-31 ^IXIC
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## 11887 1995-01-31
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## 11892 1995-02-02 MSFT
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## 11894 1995-02-03 AAPL
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## 11896 1995-02-03 MSFT
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                                  3.76
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## 11897 1995-02-06 ^IXIC
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                                        779.11
                                                772.82
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## 11898 1995-02-06 AAPL
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## 11899 1995-02-06
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                                   3.81
                                           3.82
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                                 778.97 780.93 776.97
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## 11901 1995-02-07
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## 11903 1995-02-08 ^IXIC
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## 11904 1995-02-08
## 11905 1995-02-08
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## 11906 1995-02-09
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                                  3.87
                                           3.91
## 11907 1995-02-09
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                                          1.58
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## 11908 1995-02-09 ^IXIC
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## 11909 1995-02-10 AAPL
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                                           1.58
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## 11910 1995-02-10
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                                   3.88
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## 11911 1995-02-10 ^IXIC
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                                 790.43 790.82 786.41
                                                             0 2.027191e+04
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                                         3.93
                                                3.85 2385000 -9.950913e+01
## 11912 1995-02-13 MSFT
                           3.88
## 11913 1995-02-13 AAPL
                           1.55
                                   1.56
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## 11914 1995-02-13 ^IXIC 789.70 789.42 792.09 788.72
                                                        0 5.050385e+04
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## 11915 1995-02-14 MSFT
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                                    3.87
                                            3.89
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## 11916 1995-02-14 AAPL
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                                    1.53
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                         790.14
                                  790.62 791.50 788.67
## 11918 1995-02-15
                   MSFT
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                                    3.80
                                            3.84
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## 11919 1995-02-15
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                                            1.55
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## 11920 1995-02-15 ^IXIC
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                                                 789.74
                                                         1953400 -9.980644e+01
## 11921 1995-02-16 AAPL
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                                    1.54
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                                                    1.52
## 11922 1995-02-16 ^IXIC
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                                                 790.98
                          796.02
                                  793.31
## 11923 1995-02-16 MSFT
                            3.80
                                    3.81
                                            3.82
                                                    3.77
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                          791.99
                                         791.99
## 11924 1995-02-17 ^IXIC
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                                                 786.83
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## 11925 1995-02-17
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                                    3.77
                                            3.81
                                                    3.77
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## 11926 1995-02-17
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## 11927 1995-02-21 ^IXIC
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                                                 784.15
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## 11928 1995-02-21
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                                                  3.72
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                                            1.53
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                                  787.93 788.26
                                                 783.51
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## 11931 1995-02-22
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                                   3.84
                                            3.88
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## 11932 1995-02-22
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                                  791.35
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## 11936 1995-02-24
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                                            1.44
                                                   1.38
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                                  791.08
                                         791.80
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## 11938 1995-02-24
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                            3.83
                                    3.83
## 11939 1995-02-27 ^IXIC
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                                    3.86
                                            3.88
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## 11941 1995-02-27
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## 11943 1995-02-28 ^IXIC
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                                  793.73
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## 11944 1995-02-28
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## 11945 1995-03-01
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                                    3.95
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## 11946 1995-03-01
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                                            1.43
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                                  791.87
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## 11948 1995-03-02
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## 11949 1995-03-02
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## 11951 1995-03-03
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                                  1.44
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## 11952 1995-03-03 MSFT
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                                    3.98
                                            3.99
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## 11954 1995-03-06 MSFT
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                                   4.02
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## 11956 1995-03-06 ^IXIC
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## 11957 1995-03-07 ^IXIC
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                                           1.42
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                                           1.43
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## 11961 1995-03-08 ^IXIC
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                                                               0 5.634043e+04
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                                  4.28
                                          4.29
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## 11963 1995-03-09
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                            4.28
                                   4.24
                                            4.30
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## 11964 1995-03-09 ^IXIC
                          796.48
                                  796.24 797.93
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## 11965 1995-03-09
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                                   4.29
                                           4.30
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## 11967 1995-03-10 AAPL
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                                           1.45
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## 11968 1995-03-10 ^IXIC 795.96 802.22 802.22 795.78
                                                         0 5.679504e+04
```

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## 11969 1995-03-13 ^IXIC 802.22 802.31 804.62 801.37
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                             4.29
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## 11970 1995-03-13
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                                                      1.36
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## 11974 1995-03-14 ^IXIC
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                           804.46
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## 11975 1995-03-15 ^IXIC
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                                   807.38
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## 11976 1995-03-15
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                                                      1.25
                                                            2828000 -9.984432e+01
## 11980 1995-03-16
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                             4.38
                                                           2979400 2.476190e+02
                                      4.38
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                                                      4.35
## 11981 1995-03-17
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                                     1.25
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                                                      1.25
                                                            1923800 -7.146119e+01
                     MSFT
                                                            3741800 2.496000e+02
## 11982 1995-03-17
                             4.40
                                     4.37
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## 11983 1995-03-17 ^IXIC
                           811.03
                                   808.33
                                           811.23
                                                   807.34
                                                                  0 1.839725e+04
## 11984 1995-03-20
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                             4.38
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                                                            2361100 -9.944948e+01
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                                                            1690800 -7.168539e+01
## 11985 1995-03-20
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## 11986 1995-03-20 ^IXIC
                           808.35
                                   810.49
                                           810.66
                                                    807.40
                                                                  0 6.422460e+04
## 11987 1995-03-21
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                                     1.29
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                                                           2724600 -9.984084e+01
## 11988 1995-03-21
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                             4.46
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                                              4.47
                                                      4.40
                                                            4672000 2.410853e+02
## 11989 1995-03-21 ^IXIC
                           811.06
                                   809.78
                                           814.21
                                                   808.88
                                                                  0 1.830409e+04
## 11990 1995-03-22
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                             1.29
                                     1.36
                                             1.41
                                                      1.29
                                                            4278100 -9.983205e+01
## 11991 1995-03-22
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                             4.40
                                              4.44
                                                      4.37
                                                            3278500 2.257353e+02
                                      4.43
## 11992 1995-03-22 ^IXIC
                           808.65
                                   809.10
                                           809.43
                                                    806.70
                                                                  0 1.816411e+04
                                           813.33
                           809.30
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## 11993 1995-03-23 ^IXIC
                                                    808.90
                                                                  0 2.830305e-01
## 11994 1995-03-23
                     AAPL
                             1.35
                                     1.33
                                              1.36
                                                      1.32
                                                           1493800 -9.983608e+01
## 11995 1995-03-23
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                                      4.55
                                              4.58
                                                            6574600 2.421053e+02
                                                      4.45
## 11996 1995-03-24
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                                           818.67
                                                    812.87
                                                                  0 1.789253e+04
## 11997 1995-03-24
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                                     1.35
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                                                      1.33
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## 11998 1995-03-24
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                                              4.63
                                                      4.52
                                                           4103900 2.42222e+02
## 11999 1995-03-27 ^IXIC
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                                   822.63
                                           822.66
                                                   817.06
                                                                  0 1.770584e+04
## 12000 1995-03-27
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## 12003 1995-03-28
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                                     1.23
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                                                            6158400 -7.326087e+01
## 12004 1995-03-28
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                           822.91
                                           826.17
                                                   821.57
                                   826.14
                                                                  0 6.706585e+04
## 12005 1995-03-29
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## 12006 1995-03-29 ^IXIC
                           822.91
                                   819.16
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                                                    819.16
                                                                  0 6.649837e+04
## 12007 1995-03-29
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## 12008 1995-03-30
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                                     1.26
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## 12009 1995-03-30 ^IXIC
                           826.10
                                   816.86
                                           830.01
                                                   816.86
                                                                  0 6.473016e+04
## 12010 1995-03-30
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                                              4.55
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## 12011 1995-03-31
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## 12012 1995-03-31
                    ^IXIC
                           820.65
                                   817.21
                                           822.31
                                                   811.15
                                                                 0 6.475794e+04
                     MSFT
## 12013 1995-03-31
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## 12014 1995-04-03
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## 12015 1995-04-03
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                                     1.27
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                                                      1.25
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## 12016 1995-04-03 ^IXIC
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                                   818.05
                                           818.28
                                                   812.25
                                                                  0 6.431339e+04
## 12017 1995-04-04
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## 12018 1995-04-04
                     AAPL
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                                     1.21
                                              1.28
                                                      1.20
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## 12019 1995-04-04 ^IXIC
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                                   813.72
                                                    812.23
                                                                  0 6.714959e+04
## 12020 1995-04-05
                    AAPL
                             1.22
                                      1.24
                                              1.24
                                                      1.21
                                                            2364800 -9.984761e+01
## 12021 1995-04-05 ^IXIC
                           817.06
                                   816.32
                                          820.68
                                                    813.52
                                                                  0 6.573226e+04
## 12022 1995-04-05 MSFT
                             4.37
                                     4.42
                                              4.42
                                                     4.30 4112000 -9.945855e+01
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		1995-04-06	AAPL	1.33	1.31	1.34	1.28	0 -7.036199e+01
		1995-04-06	^IXIC	816.93	813.80	818.23	813.43	0 6.202214e+04
		1995-04-06	MSFT	4.42	4.38	4.43	4.34	0 -9.946178e+01
		1995-04-07	MSFT	4.39	4.35	4.42	4.34	0 -6.849315e-01
		1995-04-07	AAPL	1.32	1.31	1.33	1.29	0 -6.988506e+01
			^IXIC	814.84	814.69	816.25	811.50	0 6.209008e+04
		1995-04-10	^IXIC	814.44	821.26	821.51	813.74	0 8.064417e-01
		1995-04-10	AAPL	1.32	1.31	1.32	1.29	0 -9.984049e+01
		1995-04-10	MSFT	4.34	4.43	4.45	4.32	0 2.381679e+02
		1995-04-11	MSFT	4.48	4.51	4.59	4.45	0 1.805869e+00
		1995-04-11	AAPL	1.31	1.35	1.35	1.31	0 -7.006652e+01
		1995-04-11		824.12	824.83	825.94	821.26	0 6.099852e+04
		1995-04-12	MSFT	4.51	4.48	4.58	4.42	0 -9.945686e+01
		1995-04-12	^IXIC	825.49	828.53	828.58	823.47	0 1.839397e+04
##	12037	1995-04-12	AAPL	1.37	1.39	1.42	1.34	0 -9.983223e+01
##	12038	1995-04-13	\IXIC	829.06	832.64	833.04	828.37	0 5.980216e+04
##	12039	1995-04-13	AAPL	1.40	1.37	1.40	1.35	0 -9.983546e+01
##	12040	1995-04-13	MSFT	4.48	4.53	4.53	4.45	0 2.306569e+02
##	12041	1995-04-14	AAPL	1.40	1.37	1.40	1.35	0 -6.975717e+01
##	12042	1995-04-14	MSFT	4.48	4.53	4.53	4.45	0 2.306569e+02
##	12043	1995-04-17	~IXIC	835.15	830.82	839.60	829.80	0 1.824040e+04
##	12044	1995-04-17	AAPL	1.36	1.37	1.41	1.35	0 -9.983510e+01
##	12045	1995-04-17	MSFT	4.72	4.84	4.88	4.63	0 2.532847e+02
##	12046	1995-04-18	AAPL	1.38	1.34	1.38	1.34	0 -7.231405e+01
##	12047	1995-04-18	^IXIC	833.37	825.74	834.69	824.95	0 6.152239e+04
##	12048	1995-04-18	MSFT	4.84	4.80	4.84	4.75	0 -9.941870e+01
##	12049	1995-04-19	MSFT	4.79	4.76	4.81	4.72	0 -8.333333e-01
##	12050	1995-04-19	AAPL	1.34	1.30	1.34	1.27	0 -7.268908e+01
##	12051	1995-04-19	^IXIC	825.07	816.55	825.81	812.61	0 6.271154e+04
##	12052	1995-04-20	AAPL	1.33	1.34	1.38	1.31	0 -9.983589e+01
##	12053	1995-04-20	^IXIC	817.89	819.01	819.43	813.76	0 6.102015e+04
##	12054	1995-04-20	MSFT	4.78	4.70	4.80	4.63	0 -9.942614e+01
##	12055	1995-04-21	AAPL	1.33	1.40	1.41	1.33	0 -7.021277e+01
##	12056	1995-04-21	MSFT	4.73	4.69	4.74	4.68	0 2.350000e+02
##	12057	1995-04-21	^IXIC	821.39	823.44	823.72	819.01	0 1.745736e+04
##	12058	1995-04-24	MSFT	4.71	4.86	4.86	4.70	0 -9.940979e+01
##	12059	1995-04-24	AAPL	1.39	1.39	1.42	1.38	0 -7.139918e+01
##	12060	1995-04-24	^IXIC	823.25	828.91	829.67	821.44	0 5.953381e+04
##	12061	1995-04-25	AAPL	1.40	1.35	1.41	1.33	0 -9.983714e+01
##	12062	1995-04-25	MSFT	4.85	5.00	5.01	4.85	0 2.703704e+02
##	12063	1995-04-25	^IXIC	829.62	831.28	832.31	828.60	0 1.652560e+04
##	12064	1995-04-26	AAPL	1.34	1.37	1.38	1.33	0 -9.983519e+01
##	12065	1995-04-26	MSFT	4.98	4.98	5.02	4.91	0 2.635036e+02
##	12066	1995-04-26	^IXIC	830.47	836.91	836.91	829.10	0 1.670542e+04
##	12067	1995-04-27	MSFT	4.98	4.91	5.03	4.77	0 -9.941332e+01
##	12068	1995-04-27	^IXIC	837.15	840.95	842.73	836.87	0 1.702729e+04
##	12069	1995-04-27	AAPL	1.38	1.35	1.38	1.35	0 -9.983947e+01
##	12070	1995-04-28	MSFT	4.93	5.11	5.13	4.91	0 2.785185e+02
##	12071	1995-04-28		841.66	843.98	844.45	837.41	0 1.641624e+04
		1995-04-28		1.36	1.37	1.37	1.34	0 -9.983767e+01
		1995-05-01		5.12	5.13	5.23	5.11	0 2.744526e+02
		1995-05-01		844.72	841.63	846.57	841.59	0 1.630604e+04
		1995-05-01		1.37	1.37	1.38	1.36	0 -9.983722e+01
		1995-05-02		1.37	1.36	1.37	1.34	0 -7.299270e-01

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## 12077 1995-05-02 MSFT
                               5.13
                                        4.97
                                                5.23
                                                         4.97
                                                                         2.654412e+02
## 12078 1995-05-02 ^IXIC
                             841.93
                                     841.79
                                              842.94
                                                       839.26
                                                                      0
                                                                         1.683742e+04
                      MSFT
## 12079 1995-05-03
                               5.02
                                        5.05
                                                5.06
                                                         5.01
                                                                      0
                                                                        -9.940009e+01
## 12080 1995-05-03
                     ^IXIC
                             842.75
                                     850.26
                                              850.27
                                                       841.71
                                                                         1.673683e+04
                                                                      0
## 12081 1995-05-03
                      AAPL
                               1.37
                                        1.36
                                                1.38
                                                         1.36
                                                                      0
                                                                        -9.984005e+01
                      MSFT
                                        5.09
                                                5.20
                                                                         2.742647e+02
## 12082 1995-05-04
                               5.09
                                                         5.06
                                                                      0
## 12083 1995-05-04
                     ^IXIC
                             851.50
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                                              856.83
                                                       845.89
                                                                      0
                                                                         1.653556e+04
## 12084 1995-05-04
                      AAPL
                               1.37
                                        1.38
                                                 1.42
                                                         1.36
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                     ^IXIC
                             849.07
                                     843.53
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                                                       842.51
                                                                      0
                                                                         6.102536e+04
## 12086 1995-05-05
                      AAPL
                               1.38
                                        1.39
                                                1.40
                                                         1.36
                                                                      0
                                                                        -9.983522e+01
## 12087 1995-05-05
                      MSFT
                               5.09
                                        5.00
                                                5.09
                                                         4.99
                                                                      0
                                                                         2.597122e+02
                     ^IXIC
                                     849.29
## 12088 1995-05-08
                             843.48
                                              849.89
                                                       842.44
                                                                      0
                                                                         1.688580e+04
## 12089 1995-05-08
                      MSFT
                               4.99
                                        4.99
                                                5.02
                                                         4.95
                                                                      0 -9.941245e+01
## 12090 1995-05-08
                      AAPL
                               1.42
                                        1.45
                                                 1.46
                                                         1.42
                                                                      0 -7.094188e+01
                     ^IXIC
## 12091 1995-05-09
                             850.42
                                     848.17
                                              851.96
                                                       845.25
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                                                                         5.839448e+04
## 12092 1995-05-09
                      MSFT
                               5.01
                                        4.99
                                                5.02
                                                         4.95
                                                                      0 -9.941167e+01
                               1.45
## 12093 1995-05-09
                      AAPL
                                        1.47
                                                1.48
                                                         1.43
                                                                      0 -7.054108e+01
                             850.48
## 12094 1995-05-10
                     ^IXIC
                                              852.22
                                                       845.70
                                                                         5.756122e+04
                                     847.62
                      MSFT
## 12095 1995-05-10
                               5.01
                                        4.95
                                                5.02
                                                         4.93
                                                                      0 -9.941601e+01
## 12096 1995-05-10
                      AAPL
                               1.48
                                        1.48
                                                1.50
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                                                5.09
## 12097 1995-05-11
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                               4.95
                                        5.09
                                                         4.94
                                                                      0
                                                                         2.439189e+02
## 12098 1995-05-11
                      AAPL
                               1.49
                                        1.46
                                                 1.49
                                                         1.43
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## 12099 1995-05-11 ^IXIC
                             847.12
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                                                       846.04
                                                                      0
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## 12100 1995-05-12
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                                        1.56
                                                1.56
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## 12101 1995-05-12
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## 12102 1995-05-12
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                                              860.04
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## 12103 1995-05-15
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## 12104 1995-05-15
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                                                         4.99
                                                                      0
                                                                         2.256410e+02
## 12105 1995-05-15
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                                     863.06
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## 12106 1995-05-16
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                                                1.58
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## 12107 1995-05-16
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                                                                      0
                                                                         2.397436e+02
## 12108 1995-05-16 ^IXIC
                             868.25
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                                                       868.25
                                                                      0
                                                                         1.628208e+04
## 12109 1995-05-17
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## 12110 1995-05-17
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                                                1.58
                                                         1.55
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                               5.33
## 12111 1995-05-17
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## 12112 1995-05-18
                     ^IXIC
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## 12113 1995-05-18
                      AAPI
                               1.58
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                                                         1.54
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## 12114 1995-05-18
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## 12115 1995-05-19
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                               5.27
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## 12116 1995-05-19
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                                                         1.52
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                                                                        -7.134831e+01
## 12117 1995-05-19 ^IXIC
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                                                                      0
                                                                         5.640784e+04
                     ^IXIC
## 12118 1995-05-22
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                                                                         7.645419e-01
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                                                       864.32
                                                                      0
## 12119 1995-05-22
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                               1.52
                                        1.58
                                                1.58
                                                         1.51
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## 12120 1995-05-22
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                                                5.47
                                                                      0
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                                                         5.27
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                                        1.57
                                                1.58
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## 12122 1995-05-23
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## 12123 1995-05-23
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## 12124 1995-05-24
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## 12126 1995-05-24
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## 12127 1995-05-25
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## 12128 1995-05-25
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## 12129 1995-05-25
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## 12130 1995-05-26 ^IXIC
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                                                      869.87
                                                                      0
                                                                         1.552491e+04
```

шш	10101	1005 05 06	магт	Г Г7	F 47	F F0	г 44	0 0 007061 - 101
		1995-05-26	MSFT	5.57	5.47	5.58	5.44	0 -9.937261e+01
##		1995-05-26	AAPL	1.54	1.52	1.54	1.50	0 -7.221207e+01
##		1995-05-30	AAPL	1.52	1.50	1.53	1.48	0 -1.315789e+00
##		1995-05-30	MSFT	5.50	5.19	5.52	5.16	0 2.460000e+02
##		1995-05-30	^IXIC	872.77	858.70	873.87	857.57	0 1.644528e+04
##		1995-05-31	AAPL	1.50	1.48	1.50	1.46	0 -9.982765e+01
##		1995-05-31	MSFT	5.20	5.29	5.34	5.06	0 2.574324e+02
##		1995-05-31	^IXIC	859.17	864.58	864.64	851.56	0 1.624367e+04
##	12139	1995-06-01	AAPL	1.50	1.51	1.53	1.49	0 -9.982535e+01
##	12140	1995-06-01	\IXIC	865.67	868.82	870.25	864.14	0 5.743775e+04
##	12141	1995-06-01	MSFT	5.31	5.26	5.35	5.24	0 -9.939458e+01
##	12142	1995-06-02	AAPL	1.50	1.50	1.51	1.48	0 -7.148289e+01
##	12143	1995-06-02	MSFT	5.23	5.20	5.26	5.16	0 2.466667e+02
##	12144	1995-06-02	^IXIC	867.12	872.97	875.25	863.76	0 1.668788e+04
##	12145	1995-06-05	AAPL	1.51	1.55	1.56	1.50	0 -9.982245e+01
##	12146	1995-06-05	MSFT	5.16	5.30	5.34	5.11	0 2.419355e+02
##	12147	1995-06-05	^IXIC	875.25	882.85	884.38	872.83	0 1.655755e+04
##	12148	1995-06-06	MSFT	5.30	5.20	5.38	5.20	0 -9.941100e+01
##	12149	1995-06-06	^IXIC	879.40	879.40	886.06	879.40	0 1.681154e+04
##	12150	1995-06-06	AAPL	1.51	1.57	1.58	1.50	0 -9.982147e+01
##	12151	1995-06-07	MSFT	5.18	5.25	5.30	5.13	0 2.343949e+02
##	12152	1995-06-07	AAPL	1.58	1.54	1.58	1.54	0 -7.066667e+01
##	12153	1995-06-07		880.41	881.58	883.08	878.09	0 5.714545e+04
##	12154	1995-06-08	MSFT	5.26	5.26	5.29	5.23	0 -9.940334e+01
##		1995-06-08	AAPL	1.55	1.53	1.55	1.50	0 -7.091255e+01
##		1995-06-08	^IXIC	886.13	886.13	886.40	881.51	0 5.781699e+04
##		1995-06-09	MSFT	5.23	5.30	5.37	5.16	0 -9.940189e+01
##		1995-06-09	AAPL	1.56	1.55	1.56	1.54	0 -7.075472e+01
##		1995-06-09	^IXIC	885.72	884.38	886.23	880.42	0 5.695677e+04
##		1995-06-12	AAPL	1.57	1.58	1.59	1.57	0 -9.982134e+01
##		1995-06-12	^IXIC	885.55	887.98	889.41	884.31	0 5.610127e+04
##		1995-06-12	MSFT	5.29	5.23	5.30	5.20	0 -9.941102e+01
##		1995-06-13		890.51	894.23	894.30	887.98	0 1.699809e+04
##		1995-06-13	AAPL	1.59	1.57	1.59	1.57	0 -9.982443e+01
##		1995-06-13	MSFT	5.26	5.24	5.33	5.21	0 2.337580e+02
##		1995-06-14	AAPL	1.57	1.56	1.57	1.55	0 -7.022901e+01
		1995-06-14	MSFT	5.21	5.24	5.26	5.17	0 2.358974e+02
		1995-06-14		892.26	895.72	896.31	890.81	0 1.699389e+04
		1995-06-15	MSFT	5.25	5.30	5.31	5.24	0 -9.940830e+01
		1995-06-15	AAPL	1.56	1.56	1.56	1.55	0 -7.056604e+01
		1995-06-15		896.33	902.68	904.06	895.72	0 7.030004e+01 0 5.776410e+04
		1995-06-16	AAPL	1.57	1.57	1.57	1.55	0 -9.982607e+01
		1995-06-16	MSFT	5.31	5.44	5.49	5.30	0 2.464968e+02
		1995-06-16		904.37	908.65	908.69	902.68	
		1995-06-19			1.58			
		1995-06-19	AAPL	1.57		1.62	1.55	0 -9.982612e+01
				909.90	922.09	922.23	908.63	0 5.826013e+04
		1995-06-19	MSFT	5.45	5.61	5.62	5.43	0 -9.939160e+01
		1995-06-20	AAPL	1.64	1.69	1.71	1.61	0 -6.987522e+01
		1995-06-20		924.11	929.83	929.87	922.09	0 5.491953e+04
		1995-06-20	MSFT	5.65	5.71	5.71	5.61	0 -9.938591e+01
		1995-06-21	AAPL	1.70	1.76	1.82	1.67	0 -6.917688e+01
		1995-06-21		931.61	929.19	933.81	925.88	0 5.269489e+04
		1995-06-21	MSFT	5.74	5.66	5.77	5.63	0 -9.939087e+01
##	12184	1995-06-22	MSFT	5.66	5.74	5.75	5.66	0 1.413428e+00

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                      AAPL
                               1.75
                                        1.75
                                                1.77
                                                         1.72
                                                                      0 -6.951220e+01
## 12186 1995-06-22 ^IXIC
                             941.17
                                      940.09
                                              941.48
                                                       929.10
                                                                      0
                                                                         5.361943e+04
                                      938.87
                                                       936.62
## 12187 1995-06-23 ^IXIC
                             938.65
                                              940.21
                                                                      0 -1.297748e-01
## 12188 1995-06-23
                      MSFT
                                        5.70
                                                5.76
                                                                      0
                                                                        -9.939289e+01
                               5.67
                                                         5.64
## 12189 1995-06-23
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                               1.74
                                        1.74
                                                 1.75
                                                         1.71
                                                                      0
                                                                        -6.947368e+01
## 12190 1995-06-26
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                             938.33
                                      926.98
                                              939.27
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                                                       926.70
                      MSFT
## 12191 1995-06-26
                               5.70
                                        5.61
                                                 5.70
                                                         5.59
                                                                      0
                                                                        -9.939481e+01
                                                                        -6.934046e+01
## 12192 1995-06-26
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                               1.72
                                        1.72
                                                 1.73
                                                         1.70
                                                                      0
## 12193 1995-06-27
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                                                 5.65
                                                         5.42
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                      AAPL
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                                        1.66
                                                 1.72
                                                         1.66
                                                                      0
                                                                        -6.942910e+01
## 12195 1995-06-27
                     ^IXIC
                             925.19
                                      919.56
                                              929.59
                                                       918.74
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                                                                         5.529518e+04
                      MSFT
## 12196 1995-06-28
                               5.42
                                        5.49
                                                 5.56
                                                         5.25
                                                                      0
                                                                        -9.940298e+01
                                                       912.91
## 12197 1995-06-28
                     ^IXIC
                             918.08
                                      920.52
                                              922.09
                                                                      0
                                                                          1.666721e+04
## 12198 1995-06-28
                      AAPL
                               1.64
                                        1.67
                                                 1.70
                                                         1.64
                                                                      0
                                                                        -9.981858e+01
## 12199 1995-06-29
                      MSFT
                               5.50
                                        5.59
                                                 5.61
                                                         5.50
                                                                      0
                                                                          2.347305e+02
## 12200 1995-06-29
                     ^IXIC
                             921.04
                                      926.81
                                              927.98
                                                       919.80
                                                                      0
                                                                          1.647979e+04
## 12201 1995-06-29
                      AAPL
                               1.66
                                                 1.72
                                                                      0
                                                                        -9.981765e+01
                                        1.69
                                                         1.64
## 12202 1995-06-30
                      AAPL
                               1.69
                                                 1.71
                                                                        -1.775148e+00
                                        1.66
                                                         1.65
                      MSFT
                                        5.65
                                                5.69
## 12203 1995-06-30
                               5.60
                                                         5.55
                                                                      0
                                                                         2.403614e+02
## 12204 1995-06-30
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                             928.02
                                      933.45
                                              934.04
                                                       926.81
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                                                                          1.642124e+04
## 12205 1995-07-03
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                                                 1.68
                                                         1.65
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                                                                        -9.982002e+01
## 12206 1995-07-03
                     ^IXIC
                             933.45
                                      933.45
                                              934.53
                                                       933.45
                                                                         5.546250e+04
                      MSFT
                                                 5.70
## 12207 1995-07-03
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                      MSFT
## 12208 1995-07-05
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                                        5.67
                                                 5.74
                                                         5.65
                                                                      0
                                                                          0.000000e+00
## 12209 1995-07-05
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                               1.67
                                        1.66
                                                 1.71
                                                         1.66
                                                                      0
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                     ^IXIC
                             937.05
                                      941.82
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                                                                         5.663614e+04
## 12211 1995-07-06
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                               1.66
                                        1.68
                                                 1.68
                                                         1.63
                                                                      0 -9.982162e+01
## 12212 1995-07-06
                     ^IXIC
                             937.05
                                      952.93
                                              953.00
                                                       934.53
                                                                      0
                                                                          5.662202e+04
                      MSFT
## 12213 1995-07-06
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                                        5.80
                                                 5.81
                                                         5.65
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                                              969.77
## 12214 1995-07-07
                     ^IXIC
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                                      969.76
                                                       952.39
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                                                                         1.662000e+04
## 12215 1995-07-07
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                               5.80
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                                                 5.98
                                                         5.80
                                                                      0 -9.938335e+01
## 12216 1995-07-07
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                                                 1.76
                                                         1.67
                                                                      0 -7.090301e+01
## 12217 1995-07-10
                      MSFT
                               6.00
                                        6.18
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                                                         5.99
                                                                         2.551724e+02
## 12218 1995-07-10
                      AAPL
                               1.74
                                        1.74
                                                 1.78
                                                         1.72
                                                                      0 -7.184466e+01
## 12219 1995-07-10
                     ^IXIC
                             970.41
                                      976.63
                                              977.94
                                                       969.77
                                                                          5.602816e+04
                                                                      0
                      MSFT
## 12220 1995-07-11
                               6.19
                                        6.04
                                                6.20
                                                         6.03
                                                                      0
                                                                        -9.938155e+01
## 12221 1995-07-11
                      AAPI
                               1.71
                                        1.68
                                                 1.74
                                                         1.68
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## 12222 1995-07-11 ^IXIC
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## 12223 1995-07-12
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                               6.05
                                                 6.25
                                                                         -9.935685e+01
                                        6.24
                                                         6.03
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## 12224 1995-07-12 ^IXIC
                             975.90
                                      988.63
                                              988.73
                                                       970.21
                                                                      0
                                                                         1.574343e+04
## 12225 1995-07-12
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                                        1.68
                                                 1.71
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                                                                        -9.983007e+01
## 12226 1995-07-13
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                                                 6.34
                                                                         2.726190e+02
                                        6.26
                                                         6.16
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## 12227 1995-07-13
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                               1.69
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## 12235 1995-07-18
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## 12236 1995-07-18
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                                        6.37
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                                                         6.27
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                                                                         2.703488e+02
## 12237 1995-07-18 ^IXIC 1005.65
                                      990.85 1007.79
                                                       987.23
                                                                      0
                                                                          1.545495e+04
## 12238 1995-07-19
                      MSFT
                                        5.91
                                                 6.34
                                                         5.53
                                                                      0 -9.940354e+01
                               6.06
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                            972.44
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                               1.68
                                                1.71
                                                        1.61
                                                                     0 -9.982894e+01
                      MSFT
## 12241 1995-07-20
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                                                      951.73
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                                                1.71
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## 12244 1995-07-21
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                                                1.65
                                                        1.62
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                                                1.63
                                                        1.60
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                                                        5.63
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                                     982.70
                                             983.75
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                                       5.70
                                                5.71
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                               1.61
                                       1.58
                                                1.61
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                                       5.87
                                                5.87
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                                     991.09
                                             991.50
                                                                     0 1.678399e+04
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                                       1.55
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## 12278 1995-08-07 ^IXIC
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                                             997.23
                                                      990.97
                                                                     0 6.410774e+04
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                                                                 20085 -9.941219e+01
## 12280 1995-08-08
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                                                       1.28
                                                               16256 -7.619926e+01
## 12427 1995-10-17 ^IXIC 1021.53 1035.44 1035.64 1018.13
                                                                   0 8.016667e+04
## 12428 1995-10-17
                     MSFT
                              5.45
                                      5.69
                                              5.72
                                                       5.38
                                                               38481 -9.945048e+01
## 12429 1995-10-17
                     AAPL
                              1.30
                                               1.32
                                                               15948 -7.697715e+01
                                      1.31
                                                       1.28
## 12430 1995-10-18 ^IXIC 1045.32 1045.37 1050.69
                                                   1035.44
                                                                   0 7.969924e+04
## 12431 1995-10-18
                     MSFT
                              6.14
                                      5.98
                                               6.15
                                                       5.93
                                                               91960 -9.942795e+01
## 12432 1995-10-18
                     AAPL
                              1.32
                                      1.33
                                               1.42
                                                       1.31
                                                               45750 -7.775920e+01
## 12433 1995-10-19
                     MSFT
                              5.95
                                      6.05
                                               6.06
                                                       5.92
                                                               29950 3.548872e+02
## 12434 1995-10-19 ^IXIC 1042.80 1046.97 1047.95 1039.22
                                                                   0 1.720529e+04
## 12435 1995-10-19
                     AAPL
                                                               84380 -9.988156e+01
                              1.28
                                      1.24
                                              1.32
                                                       1.24
## 12436 1995-10-20
                    ^IXIC 1046.64 1039.53 1048.28 1036.62
                                                                   0 8.373306e+04
## 12437 1995-10-20
                     MSFT
                              6.03
                                      5.97
                                              6.05
                                                       5.93
                                                               24995 -9.942570e+01
## 12438 1995-10-20
                     AAPL
                              1.26
                                               1.26
                                                       1.24
                                                               34494 -7.906198e+01
                                      1.25
## 12439 1995-10-23 ^IXIC 1035.28 1036.92 1039.44 1031.14
                                                                   0 8.285360e+04
## 12440 1995-10-23
                     AAPL
                                                               17661 -9.987945e+01
                              1.25
                                      1.25
                                               1.25
                                                       1.24
## 12441 1995-10-23
                     MSFT
                              5.94
                                      6.02
                                               6.07
                                                       5.91
                                                               29210 3.816000e+02
## 12442 1995-10-24
                     AAPL
                              1.27
                                      1.25
                                               1.27
                                                       1.25
                                                               19062 -7.923588e+01
## 12443 1995-10-24
                     MSFT
                              6.02
                                      6.09
                                              6.13
                                                       6.02
                                                               21463 3.872000e+02
## 12444 1995-10-24 ^IXIC 1039.53 1039.24 1047.01 1036.88
                                                                   0 1.696470e+04
## 12445 1995-10-25 ^IXIC 1040.10 1026.47 1041.57 1026.18
                                                                   0 -1.228783e+00
## 12446 1995-10-25
                     MSFT
                              6.10
                                      5.99
                                                       5.99
                                                               18816 -9.941645e+01
                                               6.11
## 12447 1995-10-25
                     AAPL
                              1.26
                                      1.24
                                               1.26
                                                       1.24
                                                               11902 -7.929883e+01
## 12448 1995-10-26
                     AAPL
                              1.25
                                      1.24
                                               1.28
                                                       1.23
                                                               11238 0.000000e+00
                                                   1007.28
## 12449 1995-10-26 ^IXIC 1026.20 1017.57 1027.66
                                                                   0 8.196210e+04
## 12450 1995-10-26
                     MSFT
                              5.98
                                      6.13
                                               6.13
                                                       5.96
                                                               25888 -9.939758e+01
## 12451 1995-10-27 ^IXIC 1016.41 1025.55 1025.56
                                                   1012.45
                                                                   0 1.663002e+04
## 12452 1995-10-27
                     MSFT
                              6.09
                                      6.25
                                              6.26
                                                       6.09
                                                               40838 -9.939057e+01
## 12453 1995-10-27
                     AAPL
                              1.25
                                               1.25
                                                       1.22
                                                               13769 -8.016000e+01
                                      1.24
## 12454 1995-10-30 MSFT
                              6.20
                                      6.42
                                              6.46
                                                       6.20
                                                               39207 4.177419e+02
```

```
## 12455 1995-10-30 ^IXIC 1028.17 1039.69 1040.25 1025.55
                                                                        1.609455e+04
                      AAPL
                              1.25
                                       1.26
                                                1.26
## 12456 1995-10-30
                                                        1.24
                                                                15687 -9.987881e+01
## 12457 1995-10-31 ^IXIC 1043.57 1036.06 1046.40
                                                    1035.67
                                                                        8.212698e+04
                      MSFT
## 12458 1995-10-31
                              6.44
                                       6.25
                                               6.46
                                                        6.25
                                                                28742 -9.939675e+01
## 12459 1995-10-31
                      AAPL
                              1.26
                                       1.30
                                               1.31
                                                        1.25
                                                                 25823 -7.920000e+01
## 12460 1995-11-01
                                               1.31
                      AAPL
                              1.31
                                       1.31
                                                        1.31
                                                                     0
                                                                        7.692308e-01
                      MSFT
## 12461 1995-11-01
                              6.15
                                       6.15
                                               6.15
                                                        6.15
                                                                        3.694656e+02
## 12462 1995-11-01 ^IXIC 1037.30 1040.50 1040.72 1034.36
                                                                     0
                                                                        1.681870e+04
## 12463 1995-11-02 ^IXIC 1042.11 1057.32 1057.41
                                                    1040.50
                                                                     0
                                                                        1.616531e+00
## 12464 1995-11-02
                      MSFT
                              6.25
                                       6.25
                                               6.25
                                                        6.25
                                                                      -9.940888e+01
## 12465 1995-11-02
                      AAPL
                              1.31
                                       1.31
                                               1.31
                                                        1.31
                                                                     0 -7.904000e+01
                     ^IXIC 1059.39
## 12466 1995-11-03
                                    1065.66 1065.66
                                                     1056.32
                                                                        8.124809e+04
## 12467 1995-11-03
                      AAPL
                              1.30
                                       1.30
                                               1.30
                                                                     0 -9.987801e+01
                                                        1.30
## 12468 1995-11-03
                              6.20
                                                                        3.769231e+02
                      MSFT
                                       6.20
                                               6.20
                                                        6.20
## 12469 1995-11-06
                      MSFT
                              6.09
                                               6.09
                                                                     0 -1.774194e+00
                                       6.09
                                                        6.09
## 12470 1995-11-06
                      AAPL
                              1.36
                                       1.36
                                               1.36
                                                        1.36
                                                                     0 -7.766831e+01
## 12471 1995-11-06 ^IXIC 1059.39 1062.14 1065.66 1056.32
                                                                        7.799853e+04
## 12472 1995-11-07
                      MSFT
                              5.81
                                       5.81
                                               5.81
                                                                     0 -9.945299e+01
                                                        5.81
## 12473 1995-11-07
                     ^IXIC 1058.99
                                    1043.90 1062.14 1038.47
                                                                        1.786730e+04
## 12474 1995-11-07
                      AAPL
                              1.42
                                       1.42
                                                1.42
                                                        1.42
                                                                     0 -9.986397e+01
                              1.39
## 12475 1995-11-08
                      AAPL
                                       1.39
                                               1.39
                                                        1.39
                                                                     0 -2.112676e+00
## 12476 1995-11-08
                      MSFT
                              5.95
                                       5.95
                                               5.95
                                                                        3.280576e+02
                                                        5.95
## 12477 1995-11-08 ^IXIC 1046.00 1047.94 1053.88
                                                                        1.751244e+04
                                                    1043.88
## 12478 1995-11-09
                      MSFT
                                                                     0 -9.940932e+01
                              6.19
                                       6.19
                                               6.19
                                                        6.19
## 12479 1995-11-09
                      AAPL
                              1.41
                                       1.41
                                               1.41
                                                        1.41
                                                                     0 -7.722132e+01
## 12480 1995-11-09 ^IXIC 1057.03 1065.59 1065.66
                                                    1047.94
                                                                        7.547376e+04
## 12481 1995-11-10
                      MSFT
                              6.10
                                       6.10
                                               6.10
                                                                     0 -9.942755e+01
                                                        6.10
## 12482 1995-11-10
                      AAPL
                              1.42
                                       1.42
                                               1.42
                                                        1.42
                                                                     0 -7.672131e+01
## 12483 1995-11-10 ^IXIC 1063.72 1063.87 1084.02 1060.70
                                                                        7.482042e+04
## 12484 1995-11-13
                      MSFT
                              6.02
                                       6.02
                                               6.02
                                                        6.02
                                                                     0 -9.943414e+01
## 12485 1995-11-13
                      AAPL
                              1.46
                                       1.46
                                                1.46
                                                        1.46
                                                                     0 -7.574751e+01
## 12486 1995-11-13 ^IXIC 1063.21 1058.46 1067.00 1057.29
                                                                        7.239726e+04
## 12487 1995-11-14
                    ^IXIC 1054.14 1040.62 1058.66
                                                    1040.60
                                                                     0 -1.685468e+00
## 12488 1995-11-14
                      MSFT
                              5.88
                                       5.88
                                               5.88
                                                        5.88
                                                                     0 -9.943495e+01
## 12489 1995-11-14
                      AAPL
                              1.48
                                       1.48
                                               1.48
                                                        1.48
                                                                       -7.482993e+01
## 12490 1995-11-15
                      MSFT
                              5.88
                                       5.88
                                               5.88
                                                        5.88
                                                                        2.972973e+02
## 12491 1995-11-15 ^IXIC 1044.16 1041.85 1045.97
                                                     1033.11
                                                                        1.761854e+04
## 12492 1995-11-15
                      AAPL
                              1.46
                                       1.46
                                                1.46
                                                                     0
                                                                      -9.985986e+01
                                                        1.46
## 12493 1995-11-16
                      MSFT
                              5.62
                                               5.62
                                                                        2.849315e+02
                                       5.62
                                                        5.62
## 12494 1995-11-16 ^IXIC 1038.33 1044.48 1049.12 1036.96
                                                                        1.848505e+04
                      AAPL
## 12495 1995-11-16
                              1.43
                                       1.43
                                               1.43
                                                        1.43
                                                                      -9.986309e+01
## 12496 1995-11-17
                      MSFT
                                                                        2.818182e+02
                              5.46
                                       5.46
                                               5.46
                                                        5.46
                                                                     0
## 12497 1995-11-17 ^IXIC 1045.27 1045.03 1047.05
                                                    1042.18
                                                                     0
                                                                        1.903974e+04
## 12498 1995-11-17
                                                                     0 -9.986316e+01
                      AAPL
                              1.43
                                       1.43
                                               1.43
                                                        1.43
                      MSFT
## 12499 1995-11-20
                              5.38
                                       5.38
                                               5.38
                                                        5.38
                                                                        2.762238e+02
   [ reached 'max' / getOption("max.print") -- omitted 29161 rows ]
```

2. Mean Percentage Return over the years

```
bigfive %>%
  group_by(name) %>%
  summarise(Return = mean(100*(close-lag(close))/lag(close), na.rm = TRUE)) %>%
  arrange(desc(Return))
```

```
## # A tibble: 6 x 2
##
    name Return
##
     <chr> <dbl>
## 1 AMZN 0.190
## 2 FB
           0.111
## 3 MSFT 0.110
## 4 AAPL 0.103
## 5 GOOGL 0.101
## 6 ^IXIC 0.0430
  3. Worst day for each stock
bigfive %>%
  group_by(name) %>%
  slice(which.min(close))
## # A tibble: 6 x 8
## # Groups:
              name [6]
                name
                       open close high
                                         low
                                                volume Return
##
                <chr> <dbl> <dbl> <dbl> <dbl> <dbl>
                                                 <dbl>
                                                         <dbl>
     <chr>>
## 1 1974-10-03 ^IXIC 54.9 54.9 54.9 54.9
                                                         -1.44
                                                     0
## 2 1982-07-08 AAPL
                                                         -4.76
                       0.2
                             0.2
                                  0.21 0.2
                                                733600
## 3 1997-05-22 AMZN
                       1.44 1.4
                                  1.45 1.31
                                                981400 -99.9
## 4 2012-09-04 FB
                      18.1 17.7 18.3 17.6 46622352
                                                         -1.83
## 5 2004-09-03 GOOGL 50.1 50.0 50.9 49.7
                                               2578705 1885.
## 6 1986-03-21 MSFT
                     0.09 0.09 0.1
                                        0.09
                                                208300 -81.6
Google = bigfive[bigfive$name=="GOOGL",]
Amazon = bigfive[bigfive$name=="AMZN",]
Facebook = bigfive[bigfive$name=="FB",]
MicroSoft = bigfive[bigfive$name=="MSFT",]
```

Apple = bigfive[bigfive\$name=="AAPL",]

