Test

24 October 2015

require(tidyr)

## Loading required package: tidyr

require(dplyr)

## Loading required package: dplyr

##   
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':  
##   
## filter, lag

## The following objects are masked from 'package:base':  
##   
## intersect, setdiff, setequal, union

From <http://stackoverflow.com/questions/1181060>

stocks <- data\_frame(  
 time = as.Date('2009-01-01') + 0:9,  
 X = rnorm(10, 0, 1),  
 Y = rnorm(10, 0, 2),  
 Z = rnorm(10, 0, 4)  
)  
dset1 <- head(stocks)  
knitr::kable(dset1, format = "html")

time

X

Y

Z

2009-01-01

-0.7826769

2.0401709

6.8522171

2009-01-02

-1.3389452

1.3132425

-0.0407022

2009-01-03

2.1909739

2.0380579

-8.4776976

2009-01-04

-0.5106795

-1.8848259

-6.7087941

2009-01-05

-0.8420066

0.6957871

-1.6269418

2009-01-06

-1.3109431

3.3394923

4.9348393

gather(stocks, stock, price, -time)

## # A tibble: 30 x 3  
## time stock price  
## <date> <chr> <dbl>  
## 1 2009-01-01 X -0.783  
## 2 2009-01-02 X -1.34   
## 3 2009-01-03 X 2.19   
## 4 2009-01-04 X -0.511  
## 5 2009-01-05 X -0.842  
## 6 2009-01-06 X -1.31   
## 7 2009-01-07 X -0.369  
## 8 2009-01-08 X 0.507  
## 9 2009-01-09 X -1.24   
## 10 2009-01-10 X 0.358  
## # ... with 20 more rows

stocks %>% gather(stock, price, -time)

## # A tibble: 30 x 3  
## time stock price  
## <date> <chr> <dbl>  
## 1 2009-01-01 X -0.783  
## 2 2009-01-02 X -1.34   
## 3 2009-01-03 X 2.19   
## 4 2009-01-04 X -0.511  
## 5 2009-01-05 X -0.842  
## 6 2009-01-06 X -1.31   
## 7 2009-01-07 X -0.369  
## 8 2009-01-08 X 0.507  
## 9 2009-01-09 X -1.24   
## 10 2009-01-10 X 0.358  
## # ... with 20 more rows

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-1.6269418

2009-01-06

-1.3109431

3.3394923

4.9348393

設定css

writeLines("td, th { padding : 6px } th { background-color : brown ; color : white; border : 1px solid white; } td { color : brown ; border : 1px solid brown }", con = "mystyle.css")

stocks <- data\_frame(  
 time = as.Date('2009-01-01') + 0:9,  
 X = rnorm(10, 0, 1),  
 Y = rnorm(10, 0, 2),  
 Z = rnorm(10, 0, 4)  
)  
dset1 <- head(stocks)  
knitr::kable(dset1, format = "html")

time

X

Y

Z

2009-01-01

0.5319198

0.8391612

2.909269

2009-01-02

-0.6591840

-1.9530581

6.802607

2009-01-03

0.1696605

0.4581394

-3.797526

2009-01-04

1.1310555

-2.8291408

1.554289

2009-01-05

0.1074838

0.4685212

3.102381

2009-01-06

-0.0396981

0.8107044

2.869908

demo<-gather(stocks, stock, price, -time)  
  
dset1 <- head(demo)  
knitr::kable(dset1, format = "html")

time

stock

price

2009-01-01

X

0.5319198

2009-01-02

X

-0.6591840

2009-01-03

X

0.1696605

2009-01-04

X

1.1310555

2009-01-05

X

0.1074838

2009-01-06

X

-0.0396981