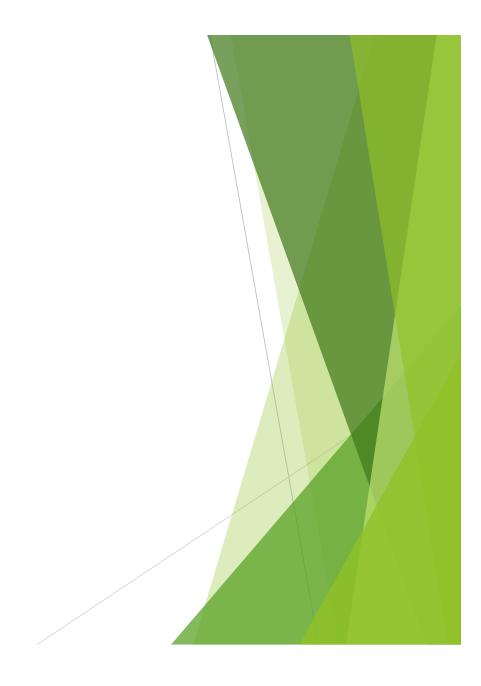


가격



Robots.txt 이해하기

http://egloos.zum.com/engjjang/v/10106048

User-agent: *
Disallow: /

▶ 모두 차단

User-agent: Cowbot

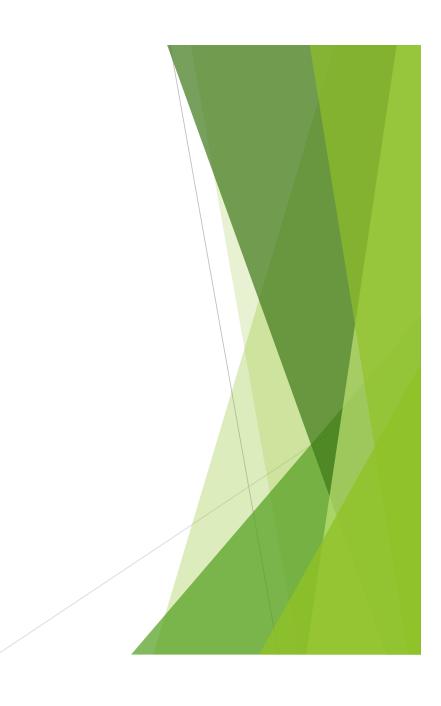
Disallow:

User-agent: Googlebot

Disallow:

User-agent: *
Disallow: /

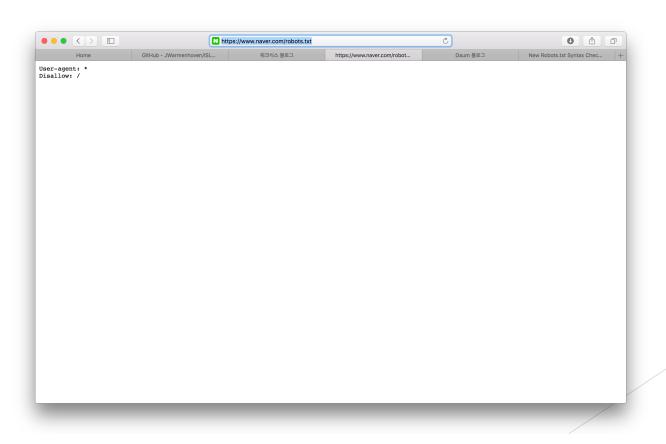
▶ 구글 네이버만 허용하고 다른 것은 차단

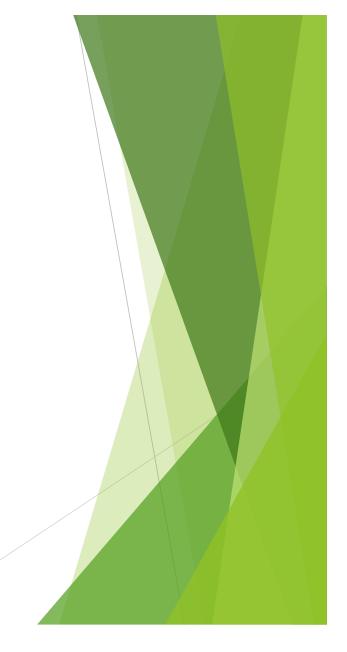


```
ch/about
ch/howsearchworks
dch
roups
.ndex.html?
'hl=*&
:*&gws rd=ssl$
hl=*&*&gws rd=ssl
_rd=ssl$
=true$
.mgres
ι/
references
etprefs
lefault
ι/
1/finance
ml?
m1/?
ml/search?
:html?
:html/?
:html/search?
ml?
.mode?
.mode/?
.mode/search?
sky?
sky/?
sky/search?
da?
da/?
da/search?
print_xhtml
```

www.naver.com/robots.txt

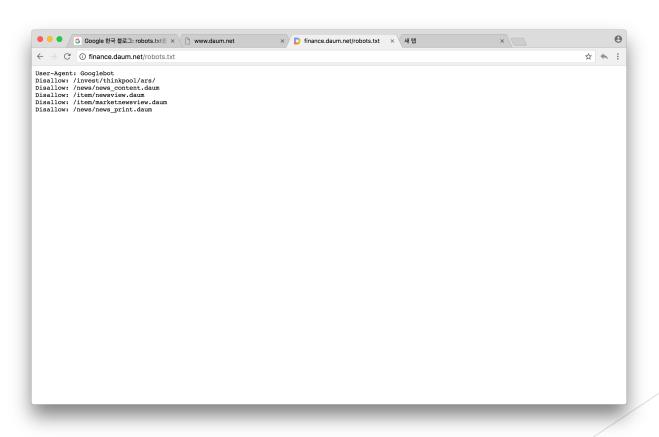
https://www.naver.com/robots.txt

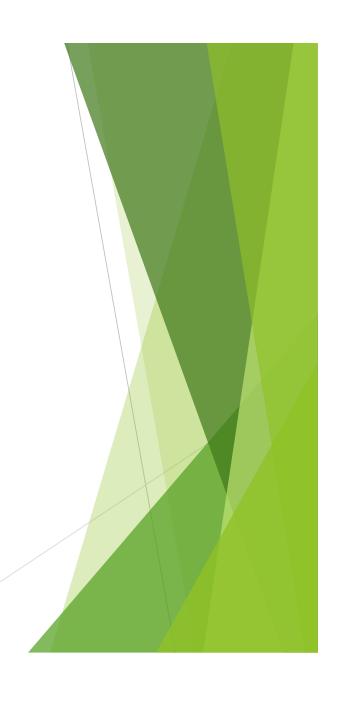




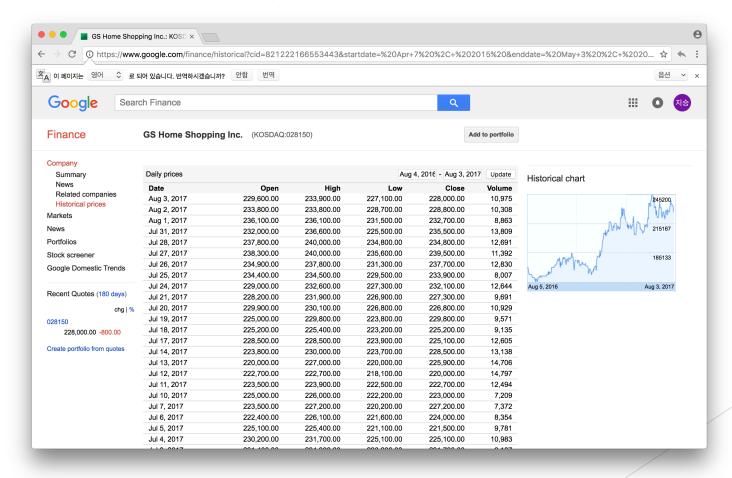
www.daum.net/robots.txt

http://finance.daum.net/robots.txt





GS 홈쇼핑(Google finance)



Url 분석하기

https://www.google.com/finance/historical?cid=821222166553443&startdate = Apr+7 %2C+ 2015 &enddate= May+3 %2C+ 2017 &num= 200

사용자 편의에 맞게 Url 수정

- library(stringr)
- startdate<-"2015/04/29"</p>
- enddate<-"2016/03/02"</p>
- month<-c("Jan","Feb","Mar","Apr","May","Jun","Jul","Aug","Sep","Oct","Nov","Dec")</p>
- startyear<-as.numeric(str_sub(startdate,1,4))</pre>
- startmonth<-month[as.numeric(str_sub(startdate,6,7))]</p>
- startday<-as.numeric(str_sub(startdate,9,10))</p>
- endyear<-as.numeric(str_sub(enddate,1,4))</p>
- endmonth<-month[as.numeric(str_sub(enddate,6,7))]</p>
- endday<-as.numeric(str_sub(enddate,9,10))</p>
- ▶ num<-200
- ▶ url<-<u>https://www.google.com/finance/historical?cid=821222166553443&startdate=</u>
- url1<-url%>%paste(.,startmonth,"+",startday,"%2C+",startyear,"&enddate=",endmonth,"+",endday,"%2C+",<mark>endyear,"&num=",num,sep="")</mark>

가격과 관련된 정보 가져오기 (Date, Open, High, Low, Close, Volume)

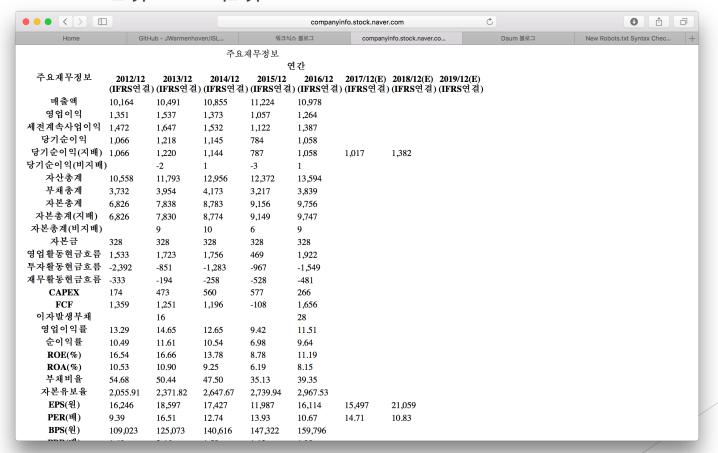
- library(rvest)
- table_url<read_html(url1)%>%html_nodes("div#prices")
 %>%html_nodes(".gf-table.historical_price")
- table<-html_table(table_url)[[1]]</p>
- for(i in 2:6) { table[,i]<as.numeric(gsub(",","",table[,i]))}</pre>
- table

> table

```
Open High
                                  Low Close Volume
            Date
     Mar 2, 2016 188500 188500 181600 182300
                                              17568
   Feb 29, 2016 184100 184300 180200 184000
                                              20797
   Feb 26, 2016 188800 189000 183100 184700
                                               7805
   Feb 25, 2016 186900 189000 184000 188900
                                              15309
   Feb 24, 2016 187900 188000 185000 185100
                                              12374
                                              17572
   Feb 23, 2016 187500 189000 183000 187900
                                              17259
   Feb 22, 2016 187700 188500 184200 187700
   Feb 19, 2016 185100 188000 181800 187700
                                              31781
   Feb 18, 2016 185000 187600 180700 187600
                                              36329
   Feb 17, 2016 184300 187100 180300 186800
                                              50020
   Feb 16, 2016 182100 185800 182100 183600
                                              64424
   Feb 15, 2016 172000 178000 169000 178000
                                              35813
13 Feb 12, 2016 173000 173000 167000 169200
                                              33495
14 Feb 11, 2016 173400 174000 171000 174000
                                              26086
    Feb 5, 2016 176500 179000 173400 175000
                                              16614
    Feb 4, 2016 174400 178600 172900 176500
                                              61375
    Feb 3, 2016 164900 177500 164600 174500
                                              88430
    Feb 2, 2016 163000 163900 162100 163000
                                               2887
    Feb 1, 2016 163500 164500 162200 163100
                                               4968
20 Jan 29, 2016 161500 164100 161500 163000
                                              14583
```

재무제표

http://companyinfo.stock.naver.com/v1/company/ajax/cF1001.aspx?cmp_cd =028150fin_typ=0&freq_typ=Y



oper<http://companyin.o.s
naver.com/v1/compa
ax/cF1001.asr
code<-"028150"
oper1<oper%>%paste(code,"fin_typ
=0&freq_typ=Y",sep="")

