제8장 (연습) 워드클라우드

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예제 1

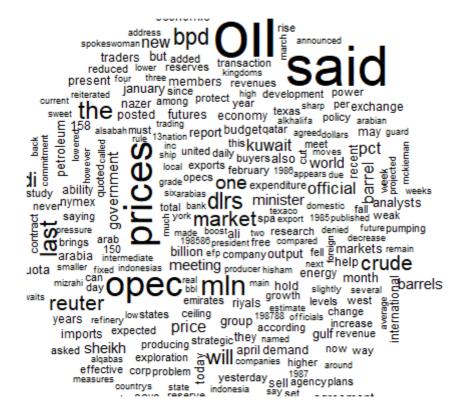
```
library(wordcloud)
wordcloud(c(letters, LETTERS, 0:9), seq(1, 1000, len = 62))
```



```
## crude 데이터 세트를 이용한 워드 클라우드 ##
library(tm)
data(crude)

crude <- tm_map(crude, removePunctuation)
crude <- tm_map(crude, function(x)removeWords(x,stopwords()))

##### from corpus ####
wordcloud(crude)
```



```
##### from frequency counts #####

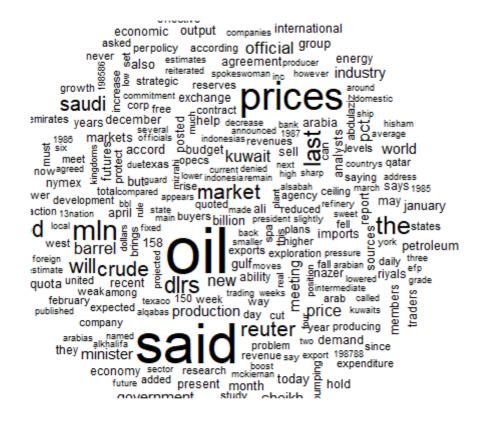
tdm <- TermDocumentMatrix(crude)

m <- as.matrix(tdm)

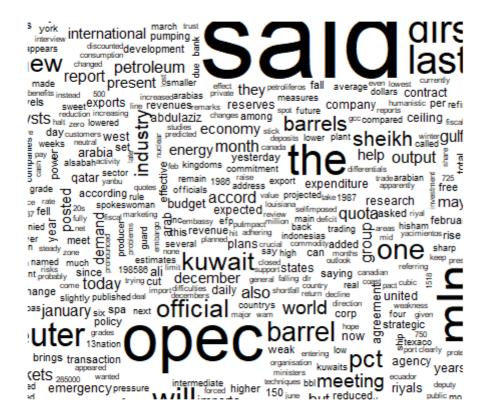
v <- sort(rowSums(m), decreasing=TRUE)

d <- data.frame(word = names(v), freq=v)

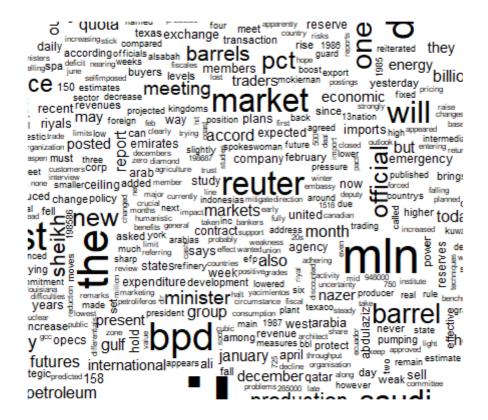
wordcloud(d$word, d$freq)</pre>
```



A bigger cloud with a minimum frequency of 2 wordcloud(d\$word, d\$freq, c(8, .3), 2)



Now lets try it with frequent words plotted first wordcloud(d\$word,d\$freq,c(8,.5),2,,FALSE,.1)

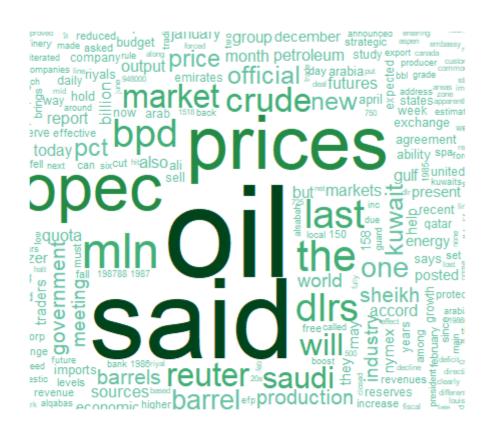


```
#####

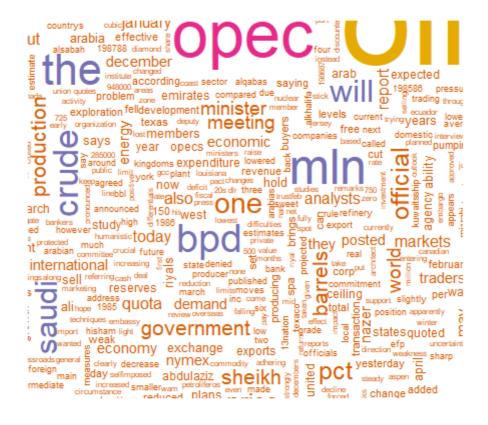
pal <- brewer.pal(9, "BuGn")

pal <- pal[-(1:4)]

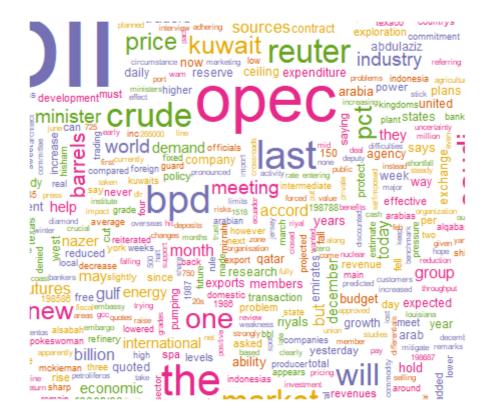
wordcloud(d$word, d$freq, c(8, .3), 2, , FALSE, , .15, pal)
```

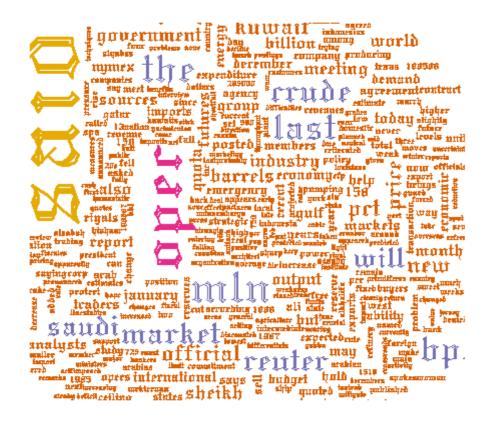


```
pal <- brewer.pal(6, "Dark2")
pal <- pal[-(1)]
wordcloud(d$word, d$freq, c(8, .3), 2, , TRUE, , .15, pal)</pre>
```

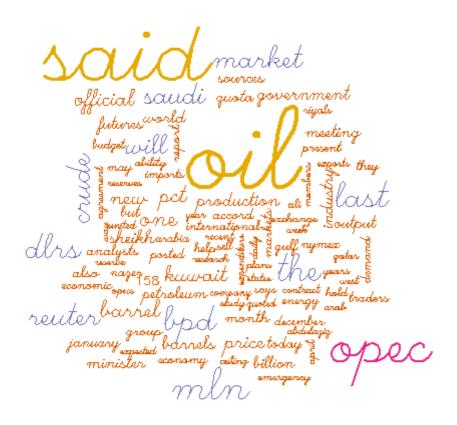


```
# random colors
wordcloud(d$word,d$freq,c(8,.3),2,,TRUE,TRUE,.15,pal)
```





wordcloud(d\$word, d\$freq, c(8, .3), 2, 100, TRUE, , .15, pal, vfont=c("script", "plain"))



wordcloud(d\$word,d\$freq,c(8,.3),2,100,TRUE,,.15,pal,vfont=c("serif","plain"))



[R Source]



