Docx reference 워드

learningSpoonsR

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# I. 레벨1 헤더 level I

## 1. 레벨2 헤더 level II

### 1) 레벨3 헤더 level III

#### i) 레벨4 헤더 level IV

This is an R Markdown document.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document.

summary(cars)

## speed dist   
## Min. : 4.0 Min. : 2.00   
## 1st Qu.:12.0 1st Qu.: 26.00   
## Median :15.0 Median : 36.00   
## Mean :15.4 Mean : 42.98   
## 3rd Qu.:19.0 3rd Qu.: 56.00   
## Max. :25.0 Max. :120.00

# II. 그래프

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.

# III. 표

## 1. knitr 이용

library(dplyr)   
df <- mtcars %>%   
 mutate(make\_model = row.names(mtcars)) %>%  
 filter(cyl==4) %>%   
 select(make\_model, mpg, wt) %>%   
 mutate(wt = wt\*1000) %>%   
 arrange(make\_model)

|  |  |  |
| --- | --- | --- |
| make\_model | mpg | wt |
| Datsun 710 | 22.8 | 2320 |
| Fiat 128 | 32.4 | 2200 |
| Fiat X1-9 | 27.3 | 1935 |
| Honda Civic | 30.4 | 1615 |
| Lotus Europa | 30.4 | 1513 |
| Merc 230 | 22.8 | 3150 |
| Merc 240D | 24.4 | 3190 |
| Porsche 914-2 | 26.0 | 2140 |
| Toyota Corolla | 33.9 | 1835 |
| Toyota Corona | 21.5 | 2465 |
| Volvo 142E | 21.4 | 2780 |

본문 텍스트도 나눔 명조.

## 2. pander 이용

# set pander table-layout options  
library(pander)  
panderOptions('table.alignment.default', function(df)  
 ifelse(sapply(df, is.numeric), 'right', 'left'))  
panderOptions('table.split.table', Inf)  
panderOptions('big.mark', ",")  
panderOptions('keep.trailing.zeros', TRUE)

library(pander)  
pander(df)

|  |  |  |
| --- | --- | --- |
| make\_model | mpg | wt |
| Datsun 710 | 22.8 | 2,320 |
| Fiat 128 | 32.4 | 2,200 |
| Fiat X1-9 | 27.3 | 1,935 |
| Honda Civic | 30.4 | 1,615 |
| Lotus Europa | 30.4 | 1,513 |
| Merc 230 | 22.8 | 3,150 |
| Merc 240D | 24.4 | 3,190 |
| Porsche 914-2 | 26.0 | 2,140 |
| Toyota Corolla | 33.9 | 1,835 |
| Toyota Corona | 21.5 | 2,465 |
| Volvo 142E | 21.4 | 2,780 |

# III. 다른 기능

## 1. Bullet Points

* bullet1
* bullet2
  + bullet2-1
  + bullet2-2
    - bullet2-2-1
    - bullet2-2-2
* bullet3
  1. 아이템 1
  2. 아이템 2

## 2. Numbered bullets

1. blahblah
   1. blah1
   2. blah2
2. blahblah
   * blah1
   * blah2

# III. 인용

“I’ve missed more than 9000 shots in my career. I’ve lost almost 300 games. 26 times, I’ve been trusted to take the game winning shot and missed. I’ve failed over and over and over again in my life. And that is why I succeed.” – Michael Jordan

“스스로를 존경하면 다른 사람도 당신을 존경할 것이다.” – 공자

# IV. rmarkdown Word template 만드는 방법

1. 동영상
   * [Link: Yihui Xie’s video](https://vimeo.com/110804387)
   * <https://vimeo.com/110804387>
2. 튜토리얼
   * [Link: rmarkdown](https://rmarkdown.rstudio.com/articles_docx.html)
   * <https://rmarkdown.rstudio.com/articles_docx.html>