Untitled

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## R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

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. You can embed an R code chunk like this:

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

## Including Plots

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.

library(grid)  
  
# Create a ggplot object  
p <- ggplot(mtcars, aes(mpg, hp)) +   
 geom\_point() +  
 theme\_minimal()  
  
#Save the ggplot as an editable DrawingML vector graphic  
editable\_plot = dml(code = {print(p)})  
dml(code = print(p))

## $code  
## <quosure>  
## expr: ^print(p)  
## env: global  
##   
## $bg  
## [1] "white"  
##   
## $fonts  
## list()  
##   
## $pointsize  
## [1] 12  
##   
## $editable  
## [1] TRUE  
##   
## attr(,"class")  
## [1] "dml"

# Create a new PowerPoint document using officer  
doc <- read\_pptx()  
  
# Add a slide and then add the editable ggplot to the slide  
doc <- doc %>%  
 add\_slide(layout = "Title and Content", master = "Office Theme") %>%  
 ph\_with(value = editable\_plot, location = ph\_location\_type(type = "body"))  
  
# Save the PowerPoint document  
print(doc, target = "test.pptx")