

# The ReporteRs package

- Allows you to directly create Word documents and PowerPoint
- Uses Java, so installation can be finicky
  - See this [blog post](#) for installation suggestions for rJava

# The ReporteRs package

```
library(ReporteRs)
library(ggplot2)
library(tidyverse)
```

```
plt <- ggplot(iris, aes(x = Sepal.Length, y = Petal.Length, color=Species))+
  geom_point()
```

```
docx( title = 'My document' ) %>%
  addTitle( 'First 5 lines of iris', level = 1) %>%
  addFlexTable( vanilla.table(iris[1:5, ]) ) %>%
  addTitle( 'ggplot2 example', level = 1) %>%
  addPlot(fun = print, x = plt) %>% # Need to print a ggplot object
  addTitle('Text example', level=1) %>%
  addParagraph("My tailor is rich.", stylename="Normal") %>%
  writeDoc('Report.docx')
```

1 FIRST 5 LINES OF IRIS

Sepal.Length	Sepal.Width	Petal.Length	Petal.Width	Species
5.1	3.5	1.4	0.2	setosa
4.9	3.0	1.4	0.2	setosa
4.7	3.2	1.3	0.2	setosa
4.6	3.1	1.5	0.2	setosa
5.0	3.6	1.4	0.2	setosa

2 GGLOT2 EXAMPLE

