Create Beamer Slide with R Markdown

A Reproducible Example

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Reproduce This slide: yaml Header

```
---
title: "Create Beamer Slide with R Markdown"
subtitle: "A Reproducible Example"
author: "Yongfu, Liao"
date: "format(Sys.Date(), '%B %d, %Y')"
institute: "National Taiwan University"
```

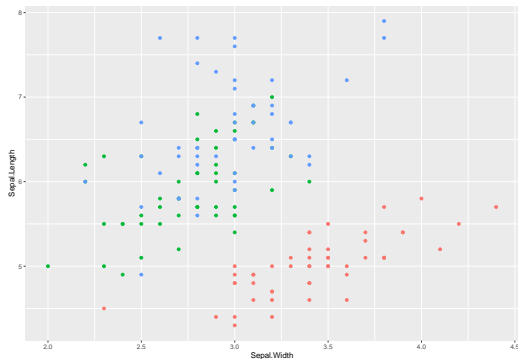# Reproduce This slide: yaml Header (Cont.)

```yaml
fontsize: 9pt
output:
  beamer_presentation:
    theme: "Madrid"
    colortheme: "beaver"
    fonttheme: "structurebold"
    incremental: true
    latex_engine: xelatex
    includes:
        in_header: header_beamer.tex
---
```

- Links
  header_beamer.tex
  Source Dir

Two-Column Layout

Some Text Some Text
Some Text Some Text
Some Text Some Text
Some Text Some Text
Some Text.

Two-Column Layout: Code

```
\begin{columns}
\column{0.75\textwidth}


```{r out.width="75%"}
library(ggplot2)
ggplot(iris, aes(x = Sepal.Width,
                 y = Sepal.Length)) +
    geom_point(aes(color = Species),
               show.legend = F)
```


\column{0.25\textwidth}
Some Text Some Text Some Text Some Text Some Text Some Text Some Text Some
\end{columns}
```

Various Blocks

Red Block

$\frac{\int_{-\infty}^{\infty} f(x)dx}{b}$

Examples

Example Blocks are green.

Blue Block

Paragraph 1

Paragraph 2

Various Blocks: Code

Red Block: Can set titles

```
\begin{alertblock}{Red Block}
$\frac{\int_{-\infty}^{\infty} f(x)dx}{b}$
\end{alertblock}
```

Examples: Can't change title

```
\begin{examples}
Example Blocks are green.
\end{examples}
```

Blue Block: h3 level Headings[1]

```
### Blue Block
Paragraph 1: Text In Box

Paragraph 2: Blahblahblah
```

---

[1]Note this only works in 'Madrid' theme in R markdown.

Incremental Bullets

Remember to set `incremental: true` in the yaml header if you want this feature.

1. Item 1

Incremental Bullets

Remember to set `incremental: true` in the yaml header if you want this feature.

1. Item 1
2. Item 2

Incremental Bullets

Remember to set incremental: true in the yaml header if you want this feature.

1. Item 1
2. Item 2
3. Item 3