

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: "`r format(Sys.Date(), '%B %d, %Y')`"  
institute: "National Taiwan University"
```

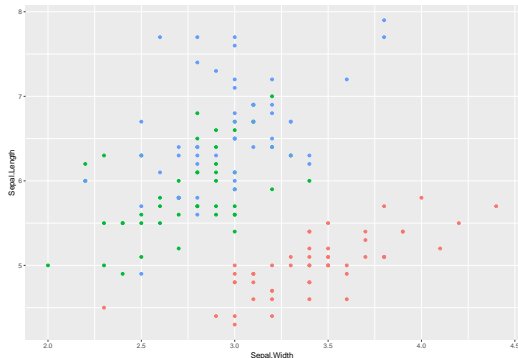
Reproduce This slide: yaml Header (Cont.)

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

- Links

- [header_beamer.tex](#)
- [Source Directory](#) of this Presentation
- [More](#) about R Markdown

Two-Column Layout



R is a collaborative project with many contributors. Type `'contributors()'` for more information and `'citation()'` on how to cite R or R packages in publications.

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}
```

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``citation()`` on how to cite R or R packages in publications.

```
\end{columns}
```

Various Blocks

Red Block

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

Examples

Example Blocks are green.

Blue Block

Text In Blue Box

Various Blocks: Code

Red Block: Can set titles

```
\begin{alertblock}{Red Block}

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

\end{alertblock}
```

Examples: Can't change title

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

Blue Block: h3 level Headings (Works only for 'Madrid' theme)

```
### Blue Block
Text In Blue Box
```

Incremental Bullets

- ❶ Item 1

Incremental Bullets

❶ Item 1

❷ Item 2

Incremental Bullets

❶ Item 1

❷ Item 2

❸ Item 3

Contact



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