

Beamer presentations

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Welcome to beamer!

Getting started

- ▶ Start a new RProject
- ▶ Create a new R Markdown file:
New File -> RMarkdown -> Presentation -> PDF (Beamer)
- ▶ Make your presentation
- ▶ Knit to .pdf slides

YAML options

Specify the beamer_presentation output, which knits to .pdf

Set your custom themes. See classic theme options.

```
---  
title: "Beamer presentations"  
author: "Austin Hart, Ph.D."  
institute: "ahart@american.edu"  
output:  
  beamer_presentation:  
    theme: "Malmoe"  
    colortheme: "beaver"  
fontsize: 12pt  
classoption: "aspectratio=169"  
---
```

Setup chunk

- ▶ Knitting initiates a new R environment.
- ▶ Your `.Rmd` must be self-contained.
- ▶ Define the `knit` in a setup chunk.
- ▶ Also the place to load packages, data, etc.

Example setup

```
## Global options  
knitr::opts_chunk$set(  
  echo = FALSE,  
  message = FALSE,  
  warning = FALSE,  
  fig.align = 'center'  
)
```

```
## Packages  
library(tidyverse)  
library(knitr)
```

```
## Load data? Set themes?
```

Defining new slides

- ▶ Initiate new slide with ## Level 2 heading.
- ▶ Use Level 1 (#) for BIG section slides

```
## Title of slide 1
```

- Roadmap.
- Materials.

```
## Slide 2
```

```
> Inspirational quote
```

```
## Slide 3
```

```
### Subtitle
```

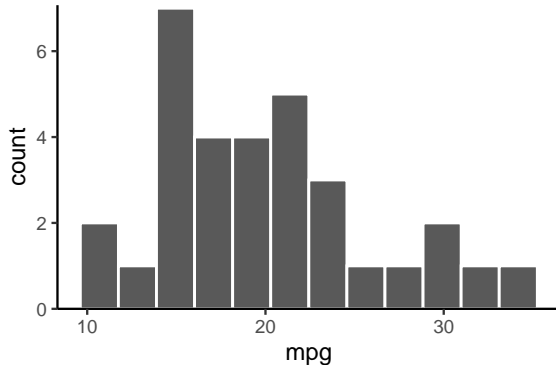
```
)
```

Big section change

No easy column splits

One downside is that columns splits are very tough.

A graph to ease the pain.



Basic reminders

Level 3 header

If you want to write text, just write text.

- ▶ Itemized list
 - ▶ Start with a – or * and type.
 - ▶ Need two spaces or hard return between items.

Fancy italic text.

Shouty bold text.