

Writing Beamer Slides with Markdown

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Proposed Menus

Budgeting

How?

We can do that?

- ▶ Yeah to some extent, with markdown package :-)
 - ▶ # and ## for section and subsection headers (in ToC)
 - ▶ Redefine ### to start a frame and frametitle
 - ▶ (Nested) bullet and numbered lists
 - ▶ Text formatting (*italic*, **bold becomes italic + alerted**)
 - ▶ Redefine #### to start a block with title and ---- to end the block
 - ▶ *Compile with --shell-escape* (Overleaf does this already)
- ▶ (Alternative approaches: Pandoc, wikitobeamer)

Caveats

- ▶ Nothing too complicated!
- ▶ No verbatim or fragile stuff!
- ▶ No # and _ characters!
(I used `\hash` and `\textunderscore`)
- ▶ Can't pass options to frames
- ▶ **Need to write `\end{frame}` manually!**

Example

Breakfast Menu

- ▶ Eggs
 - ▶ scrambled
 - ▶ sunny-side-up
- ▶ Coffee
 - ▶ Americano
 - ▶ Long black
- ▶ Tea
 - ▶ Darjeeling
 - ▶ English Breakfast

Lunch Menu

- Spaghetti
 - Bolognese
 - Aglio olio
- Sandwiches
 - Egg
 - Ham
 - Tuna

Projected Profit

1. And the answer is...
2. $f(x) = \sum_{n=0}^{\infty} \frac{f^{(n)}(a)}{n!} (x - a)^n$
 1. How do we *know* that?
 2. **Maths!**

Testing blocks

This is a block!

- ▶ Here is some content.
- ▶ Here's more contents.

Citations

- ▶ This is a book (Smith, 2012)
- ▶ This is an article (Smith, 2013)

Bibliography

Smith, J. (2012). *Book title*, volume 3 of 2. Publisher, City, 1 edition.

Smith, J. (2013). Article title. 14(6):1–8.