

Introduction to Beamer in RMarkdown

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Computing Club
April 11, 2023

Let us know you're here!



Figure 1: Sign in!

Introduction

- ▶ Beamer is the \LaTeX package that is used to create presentation slides.
- ▶ As a \LaTeX package, it can be used in any \LaTeX typesetting and compiling processing system.
- ▶ Today, we will be discussing its use in RMarkdown.

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- ▶ Today, we will be discussing its use in RMarkdown.

Note: I am not a Beamer expert, just an amateur enthusiast.

Why Beamer?

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“... \LaTeX encourages authors not to worry too much about the appearance of their documents but to concentrate on getting the right content.”

\LaTeX Project's About Page

Why RMarkdown?

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3. File structure... and Git!

General Structure of a Beamer Presentation

YAML Header

```
1 ---
2 title: |
3   | Introduction to Beamer in RMarkdown
4 author: |
5   | Waveley Qiu
6   | MS Biostatistics (Theory and Methods)
7 date: |
8   | Computing Club
9   |
10  `r format(Sys.time(), '%B %d, %Y')`
11 output: beamer_presentation
12 ---
```

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Figure 2: YAML Header and Result

Sectioned Content

```
80 • ## Why RMarkdown?  
81  
82 > 1. If you can write a report in RMarkdown, you  
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84 > 2. You get all the benefits of RMarkdown --  
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86 > 3. File structure... and Git!  
87
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Figure 3: Sectioned Content and Result

Let's make a presentation :)