

R Markdown Notes

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^^ Between “—” is the YAML metadata Note: In a R markdown file, not an R script, narratives can be written as if in doc.

Formatting

Italic (`_`), alternatively, *Italic* (`*`).

Bold (`**`)

subscript: H_3PO_4 (`~`)

superscript: Cu^{2+} (`^`)

text as inline code (```)

Hyperlink

1

“Blockquotes” —(`>`)

R code chunks

Below is a code chunk(`{r}` indicates the language we are using)

```
a <- sqrt(7)
```

Alternitvely, if quoting results in a narrative, the square root of 7 is `r a`.

- keyboard shortcut: `cmd + alt + I`
- `eval=` whether to execute the code chunk
- `results='hide'` to hide the text output
 - `results='asis'` to present the output in a sentence grammar, e.g. “a is 7”.
- `collapse = TRUE` compacts codes and its output in one single block to save space
- `echo = FALSE` whether to include the source code, or only results
- `include = FALSE` the whole chunk will be hidden as well as the output, however, will still be executed.
- `setup` to apply this chunk globally
 - `{r, setup, include = FALSE}` `knitr::opts_chunk$set(fig.width = 8, collapse = TRUE)`

Tables

```
knitr::kable()
```

¹Footnote