

Markdown Quick Reference

R Markdown is an easy-to-write plain text format for creating dynamic documents and reports. See [Using R Markdown](#) to learn more.

Emphasis

```
*italic*    **bold**  
_italic_    __bold__
```

Headers

```
# Header 1  
## Header 2  
### Header 3
```

Lists

Unordered List

```
* Item 1  
* Item 2  
  + Item 2a  
  + Item 2b
```

Ordered List

```
1. Item 1  
2. Item 2  
3. Item 3  
  + Item 3a  
  + Item 3b
```

Manual Line Breaks

End a line with two or more spaces:

```
Roses are red,  
Violets are blue.
```

Links

Use a plain http address or add a link to a phrase:

```
http://example.com  
[linked phrase](http://example.com)
```

Images

Images on the web or local files in the same directory:

```
![alt text](http://example.com/logo.png)  
![alt text](figures/img.png)
```

Blockquotes

```
A friend once said:  
  
> It's always better to give  
> than to receive.
```

R Code Blocks

R code will be evaluated and printed

```
```${r}  
summary(cars$dist)
summary(cars$speed)
```
```

Inline R Code

```
There were `r nrow(cars)` cars studied
```

Plain Code Blocks

Plain code blocks are displayed in a fixed-width font but not evaluated

```
```\nThis text is displayed verbatim / preformatted  
```
```

Inline Code

```
We defined the `add` function to  
compute the sum of two numbers.
```

LaTeX Equations

Inline Equation

```

$$x^2 + y^2 = z^2$$

```

Display Equation

\$\$ equation \$\$

Horizontal Rule / Page Break

Three or more asterisks or dashes:

Tables

| | |
|--------------|---------------|
| First Header | Second Header |
| Content Cell | Content Cell |
| Content Cell | Content Cell |

Reference Style Links and Images

Links

A [linked phrase][id].

At the bottom of the document:

[id]: http://example.com/ "Title"

Images

![alt text][id]

At the bottom of the document:

[id]: figures/img.png "Title"

Miscellaneous

superscript^2^
subscript~2~
~~strikethrough~~

Typographic Entities

ASCII characters are transformed into typographic HTML entities:

- Straight quotes (" and ') into “curly” quotes
- Dashes (“- -” and “- - -”) into en- and em-dash entities
- Three consecutive dots (“...”) into an ellipsis entity