

# Markdown Cheat Sheet

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## > Formatting Text Spans

Surround text with a single asterisk or underscore for emphasis (italics)	
she thought in <code>*italics*</code> she thought in <code>_italics_</code>	she thought in <i>italics</i>
Surround text with double asterisks or underscores to make it bold	
to <code>**boldly**</code> go to <code>__boldly__</code> go	to <b>boldly</b> go
Boldness and emphasis can be nested for bold-italic text	
<code>**Boldness</code> has <code>*genius*</code> , <code>_power_</code> , and <code>*magic**</code> in it	<b><i>Boldness has genius, power, and magic</i></b> in it
Surround text with one or more backticks to make it code	
Should I use <code>`pandas`</code> or <code>`dplyr`</code> ?	Should I use <code>pandas</code> or <code>dplyr</code> ?
Surround text with one or more tildes to strike it through	
Every strike brings me <code>~closer to~</code> the next home run	Every strike brings me <del>closer</del> to the next home run
Surround text with a single dollar sign to make it a LaTeX equation	
<code>\$e^{\pi i} + 1 = 0\$</code>	$e^{\pi i} + 1 = 0$

## > Formatting Text Blocks

Start a line with greater than then space to make it a quote	
> Without data you're just > another person with an opinion	Without data you're just another person with an opinion
Surround a block of text with lines starting with three backticks to make it a code block	
<code>```\n\nx = (1 + sqrt(5)) / 2\n\n```</code>	<pre>x = (1 + sqrt(5)) / 2</pre>
Optionally specify the language of the code after the backticks to highlight syntax	
<code>```python\nx = (1 + sqrt(5)) / 2\n```</code>	<pre>x = (1 + sqrt(5)) / 2</pre>


## > Lists

Start lines with hyphens, plus or asterisks then a space to make an unordered list (Be consistent about which punctuation is used)	
- Gryffindor - Hufflepuff - Ravenclaw - Slytherin	• Gryffindor • Hufflepuff • Ravenclaw • Slytherin
Start lines with a number followed by a period then a space to make an ordered list. (Numbering is automatic and follows from the first element.)	
3. three 1. four 1. five 1. six	3. three 4. four 5. five 6. six
Inside a list, include square brackets filled with a space or character (conventionally 'x') to create a checklist	
- [x] bread - [ ] milk - [x] eggs - [ ] teabags	<input checked="" type="checkbox"/> bread <input type="checkbox"/> milk <input checked="" type="checkbox"/> eggs <input type="checkbox"/> teabags
Use space indentation to nest lists	
* The Lord of the Rings 1. The Fellowship of the Ring 1. The Ring Sets Out 1. The Ring Goes South 1. The Two Towers 1. The Treason of Isengard 1. The Ring Goes East 1. The Return of the King 1. The War of the Ring 1. The End of the Third Age	• The Lord of the Rings a. The Fellowship of the Ring i. The Ring Sets Out ii. The Ring Goes South b. The Two Towers i. The Treason of Isengard ii. The Ring Goes East c. The Return of the King i. The War of the Ring ii. The End of the Third Age

## > Headings

Start a line with one to six hashes then a space to make it a heading	
# Constitution of the United States  ## Articles  ### Article I: The Legislative Branch  #### Section 1: The Legislature	Constitution of the United States  Articles  Article I: The Legislative Branch  Section 1: The Legislature
For level one headings, you can also follow the line with a line of equals signs	
Constitution of the United States =====	Constitution of the United States
For level two headings, you can also follow the line with a line of hyphens	
Articles -----	Articles

## > Links, Images and Footnotes

Use square brackets containing link text followed by parentheses containing a URL to include a hyperlink	
[Build data and AI skills with DataCamp] (https://www.datacamp.com)	<a href="https://www.datacamp.com">Build data and AI skills with DataCamp</a>
Use square brackets containing link text followed by a reference number, then (usually at the bottom of the doc) square brackets containing the reference number followed by a colon then a space then a URL to include reference-style hyperlinks	
[Listen to DataFramed][1] [1]: https://www.datacamp.com/podcast	<a href="https://www.datacamp.com/podcast">Listen to DataFramed</a>
Use an exclamation mark followed by square brackets containing alt text followed by parentheses containing a URL or path to a file to include an image	
![The Markdown Logo](Markdown-mark.png)	
Use square brackets containing a caret then a number (both within the content and at the foot of the page) to create a footnote	
Literature is the original Internet - every footnote, every citation, every allusion is essentially a hyperlink to another text, to another mind. <sup>[1]</sup>  [ <sup>1</sup> ]: Attributed to Maria Popova	<p>Literature is the original Internet - every footnote, every citation, every allusion is essentially a hyperlink to another text, to another mind.<sup>1</sup></p> <hr/> <p>1. Attributed to Maria Popova<sup>→</sup></p>

## > Tables

Use pipes to delimit columns in a table. Use hyphens to separate the header from the content. Use a colon to the left or right of those hyphens to indicate column alignment.					
	Sepal Length	Sepal Width	Petal Length	Petal Width	Species
	-----:	-----:	-----:	-----:	-----:
	5.1	3.3	1.7	0.5	setosa
	4.8	3.0	1.4	0.1	setosa
	6.1	2.8	4.7	1.2	versicolor
	6.1	3.0	4.6	1.4	versicolor
	Sepal Length	Sepal Width	Petal Length	Petal Width	Species
	5.1	3.3	1.7	0.5	setosa
	4.8	3.0	1.4	0.1	setosa
	6.1	2.8	4.7	1.2	versicolor
	6.1	3.0	4.6	1.4	versicolor

## > Break

Have a line with only three or more hyphens, asterisks, or underscores (plus optional spaces) to include a horizontal rule	
--- *** ---	<hr/>
By default, text on consecutive lines flows as a single line	
Writing one line, then another without a break, results in text flowing as a single line.	Writing one line, then another without a break, results in text flowing as a single line.
Two spaces at the end of a line result in a line break	
Appending two spaces to the end of the line creates a line break.	Appending two spaces to the end of the line creates a line break.
Blank lines create a new paragraph	
Including a blank line in between two lines of text  creates a paragraph break.	Including a blank line in between two lines of text  creates a paragraph break.