What is Markdown?

Colab has two types of cells: text and code. Text cells are formatted using a simple markup language called Markdown.

To see the Markdown source, double-click a text cell, showing both the Markdown source and the rendered version. Above the Markdown source there is a toolbar to assist editing.

Reference

Markdown	Preview
`**bold text**`	**bold text**
`*italicized text*` or `_italicized text_`	*italicized text*
`` `Monospace` ``	`Monospace`
`~~strikethrough~~`	~~strikethrough~~
`[A link](https://www.google.com)`	A link
`![An image](https://www.google.com/images/rss.png)`	

Headings are rendered as titles.

```
# Section 1
# Section 2
## Sub-section under Section 2
### Sub-section under the sub-section under Section 2
# Section 3
```

Section 1

Section 2

Sub-section under Section 2

Sub-section under the sub-section under Section 2

Section 3

The table of contents, available on the left side of Colab, is populated using at most one section title from each text cell.

```
>One level of indentation
```

> One level of indentation

```
>>Two levels of indentation
```

> > Two levels of indentation

Code blocks

````
```python
print("a")
```

print("a")
````

Ordered lists:

```
1. One
1. Two
1. Three
```

1. One
2. Two
3. Three

Unordered lists:

```
* One
* Two
* Three
```

- One
- Two
- Three

Equations:

```
$y=x^2$

$e^{i\pi} + 1 = 0$

$e^x=\sum_{i=0}^\infty \frac{1}{i!}x^i$

$\frac{n!}{k!(n-k)!} = {n \choose k}$

$A_{m,n} =
 \begin{pmatrix}
  a_{1,1} & a_{1,2} & \cdots & a_{1,n} \\
  a_{2,1} & a_{2,2} & \cdots & a_{2,n} \\
  \vdots  & \vdots  & \ddots & \vdots  \\
  a_{m,1} & a_{m,2} & \cdots & a_{m,n}
 \end{pmatrix}$
```

$y=x^2$

$e^{i\pi}+1=0$

$e^x=\sum_{i=0}^{\infty} \frac{1}{i!}x^i$

$\frac{n!}{k!(n-k)!}=\binom{n}{k}$

$A_{m,n}=\begin{pmatrix} a_{1,1} & a_{1,2} & \cdots & a_{1,n} \\ a_{2,1} & a_{2,2} & \cdots & a_{2,n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m,1} & a_{m,2} & \cdots & a_{m,n} \end{pmatrix}$

Tables:

```
First column name  | Second column name
-------------------|-------------------
Row 1, Col 1       | Row 1, Col 2
Row 2, Col 1       | Row 2, Col 2
```

First column name	Second column name
Row 1, Col 1	Row 1, Col 2
Row 2, Col 1	Row 2, Col 2

Horizontal rules:

```
---
```

Command	Description
`git status`	List all *new or modified* files
`git diff`	Show file differences that **haven't been** staged

Differences between Colab Markdown and other Markdown dialects

Colab uses marked.js and so is similar but not quite identical to the Markdown used by Jupyter and GitHub.

Colab supports (MathJax) $\LaTeX$ equations like Jupyter, but does not allow HTML tags in the Markdown. Colab does not support some GitHub additions like emojis and to-do checkboxes.

If HTML must be included in a Colab notebook, see the %%html magic.

Useful references

- GitHub Markdown basics
- GitHub flavored Markdown
- Original Markdown spec: Syntax
- Original Markdown spec: Basics
- marked.js library used by Colab
- LaTex mathematics for equations