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# Markdown for Jupyter notebooks cheatsheet

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# Markdown for Jupyter notebooks cheatsheet

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You can use Markdown to format documentation you add to *Markdown cells* in your Jupyter notebook.

Here's how to format Markdown cells in Jupyter notebooks:

# **Headings**

Use the number sign (#) followed by a blank space for notebook titles and section headings:

- # for titles
- ## for major headings
- ### for subheadings
- #### for 4th level subheadings

# **Emphasis**

Use the following code to emphasize text:

- Bold text: \_\_string\_\_ or \*\*string\*\*
- Italic text: \_string\_ or \*string\*

# **Mathematical symbols**

Surround mathematical symbols with a dollar sign (\$), for example:



# **Monospace font**

Surround text with a grave accent (`) also called a back single quotation mark, for example:

```
`string`
```



You can use the monospace font for file paths, file names, message text that users see, or text that users enter.

#### Line breaks

Sometimes markdown doesn't make line breaks when you want them. To force a linebreak, use the following code: <br/> <br/> <br/>

# **Indenting**

Use the greater than sign (>) followed by a space, for example:

> Text that will be indented when the Markdown is rendered.



Any subsequent text is indented until the next carriage return.

#### **Bullets**

To create a circular bullet point, use one of the following methods. Each bullet point must be on its own line.

- A hyphen (-) followed by one or two spaces, for example: Bulleted item
- A space, a hyphen (-) and a space, for example: Bulleted item
- An asterisk (\*) followed by one or two spaces, for example: \* Bulleted item

To create a sub bullet, press Tab before entering the bullet point using one of the methods described above. For example:

```
Main bullet pointSub bullet point
```



#### **Numbered lists**

To create a numbered list, enter 1. followed by a space, for example:

1. Numbered item



1. Numbered item

For simplicity, you use 1. before each entry. The list will be numbered correctly when you run the cell.

To create a substep, press Tab before entering the numbered item, for example:

1. Numbered item



#### **Colored note boxes**

Use one of the following <div> tags to display text in a colored box.

#### Restriction

Not all Markdown code displays correctly within <div> tags, so review your colored boxes carefully.

For example, to make a word bold, surround it with the HTML code for bold (<b>text</b> instead of the Markdown code.

The color of the box is determined by the alert type that you specify:

• Blue boxes (alert-info)

```
<div class="alert alert-block alert-info">
<b>Tip:</b> Use blue boxes (alert-info) for tips and notes.
If it's a note, you don't have to include the word "Note".
</div>
```

Yellow boxes (alert-warning)

```
<div class="alert alert-block alert-warning">
<b>Example:</b> Use yellow boxes for examples that are not
inside code cells, or use for mathematical formulas if neede
</div>
```

• Green boxes (alert-success)

Red boxes (alert-danger)

You can attach image files directly to a notebook in Markdown cells by dragging and dropping it into the cell.

To add images to other types of cells, you must use a graphic that is hosted on the web and use the following code to insert the graphic:

<img src="url.gif" alt="Alt text that describes the graphic" til</pre>

#### Restriction

You cannot add captions to graphics.

# **Geometric shapes**

Use &# followed by the decimal or hex reference number for the shape, for example:

&#reference\_number



For a list of reference numbers, see UTF-8 Geometric shapes.

### **Horizontal lines**

On a new line, enter three asterisks:

\*\*\*



#### **Internal links**

To link to a section within your notebook, use the following code:

[Section title](#section-title)



For the text inside the parentheses, replace any spaces and special characters with a hyphen. For example, if your section is called Analyzing customer purchasing habits, you'd enter:

[Analyzing customer purchasing habits](#analyzing-customer-purc

Alternatively, you can add an ID above the section:

<a id="section\_ID"></a>



### **Important**

Each ID in the notebook must be unique.

[Section title](#section\_ID)



# **Important**

Test all internal links to ensure that they work.

## **External links**

To link to an external site, use the following code:

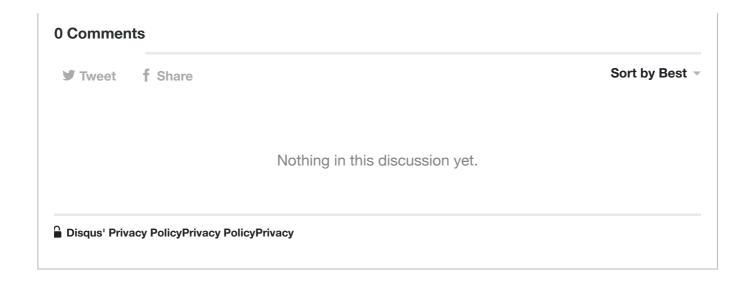


Surround the link with two underscores (\_) on each side

# **Important**

Test all links to ensure that they work.

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