Pretty Jupyter Cheat Sheet

Notebook-Level Metadata

First cell of type **raw**.

```
title: My title
author: My name
date: "2022-01-01"
output:
    general:
        input_jinja: false
        input: true
        output_error: false
    html:
        toc: true
        toc_depth: 3
        number_sections: false
        code_folding: hide
        code_tools: false
        theme: bootstrap
```

Cell-Level Metadata

Code Cell

```
# -.-|m { input: true, output: true }

# now we can continue as normal
a = 10
```

Jinja Markdown Cell

```
%%jmd
[//]: # (-.-|m { input: true, output: true })

Jmd cell with visible input.
```

Jinja Markdown

```
a = 10
b = 5
```

```
%%jmd

We can use variables like
this: {{ (a / b) | round(2) }}.
```

Matplotlib example

```
import matplotlib.pyplot as plt
from pretty_jupyter.helpers \
    import matplotlib_fig_to_html
```

```
%%jmd

<details>
<summary>Hideable matplotlib fig</summary>

{% set ax = plt.plot([0, 1], [1, 1])[0] %}
{% set _ = ax.set(title="Example figure") %}
{{ matplotlib_fig_to_html(ax.figure) }}

</details>
```

Table of Contents

```
%%jmd
# Chapter 1

## Section 1

## Ignored Section 2
[//]: # (-.- .unlisted .unnumbered)

## Section 3

This section will not appear in TOC.
```

Tabset

```
%%jmd

# Tabset
[//]: # (-.- .tabset .tabset-pills)

## Tab 1

## Tab 2

# Not A Tabset
```

Code Folding

```
# -.-|m { input_fold: show }
a = 10
```

Styling

```
%%jmd

| col1 | col2 |
|------|------|
| val1 | val2 |

[//]: # (-.- #table-id .bg-danger)

<style>
    #table-id {
        font-weight: bold;
    }
</style>
```

```
%%jmd

Alert text.

[//]: # (-.- .alert .alert-warning)
```

CLI

```
pretty-jupyter quickstart /path/to/ipynb
```

```
jupyter nbconvert --to html --template pj
/path/to/ipynb/file
```

Options

- `--HtmlNbMetadataPreprocessor.pj_metadata`
- `--execute`
- `--embed-images`