Notes (Template)

The subtitle for this document.

Ian Effendi

2021-01-01

Contents

Overview

This is a notetaking template that was written in Pandoc Markdown and can be converted into different formats (eg. PDF, LaTeX, etc.).

Convert Markdown

If the appropriate tools are installed on your system, you can convert this document into a properly formatted HTML webpage, PDF, or LaTeX file.

Using pandoc, you can run commands like:

```
pandoc -s {FILENAME}.md -o {FILENAME}.pdf
```

Consider using pandoc filters for even more flexibility.

Math Equations

This workflow also allows you to convert LaTeX syntax into math equations.

The following syntax:

```
$$ a = mx + b $$
```

Generates:

$$ a = mx + b $$

Inline equations can be displayed using one set of `$` signs:

```
$a = \frac{\sum_{i=1}^{a}c_i\mu_i}{\sum_{i=1}^{a}c_i\tau_i} = 1 \text{ when } \sum_{i=1}^{a}c_i = 0$
```

Generates:

$a = \frac{\sum_{i=1}^{a}c_i\mu_i}{\sum_{i=1}^{a}c_i\tau_i} = 1$ when $\sum_{i=1}^{a}c_i = 0$.

Particularly complex statements can be displayed using the `\displaystyle` command:

```
$\frac{\displaystyle \sum_{i=1}^{a}c_i\mu_i}{\displaystyle \sum_{i=1}^{a}c_i\tau_i} = 1 \text{ when
```

$$\frac{\sum_{i=1}^{a} c_i \mu_i}{\sum_{i=1}^{a} c_i \tau_i} = 1 \text{ when } \sum_{i=1}^{a} c_i = 0$$