All of these top bits render as html as you would expect including things like **bold** text.

Here is a numbered html list

1. Cover page
2. Preface page (if defined)
3. Table of contents (unless disabled)
4. Body (your main content)
5. Appendix (if defined)
6. Bibliography (if defined)
7. Indices (if enabled) — index of figures (images), tables, or listings (code blocks)
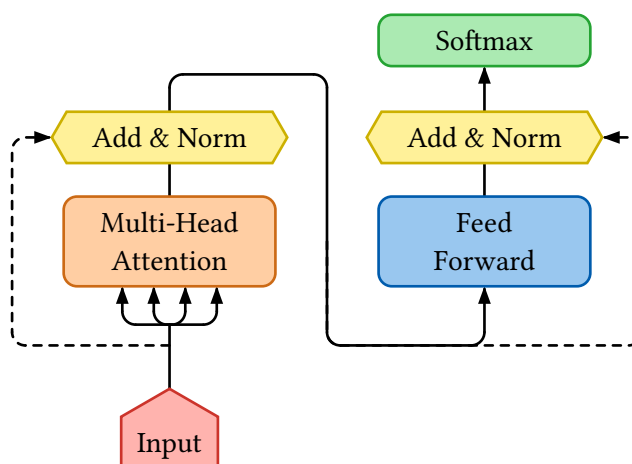
Heading 1

Heading 2

Heading 3

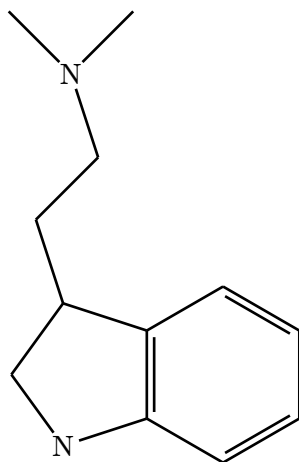And it renders from a semantic text document similarly to tex or markdown.

However, behold its mathematical power:

$$f(x, y) := \begin{cases} 1 \text{ if } \frac{x \cdot y}{2} \leq 0 \\ 2 \text{ if } x \text{ is even} \\ 3 \text{ if } x \in \mathbb{N} \\ 4 \text{ else} \end{cases}$$

A machine learning diagram

A molecule diagram:

And some category theory

$$\Omega$$

$$
\begin{array}{ccccc}
TP \otimes \pi^*T^*X & \xrightarrow{\;\mathrm{d}\lambda_g \otimes (\lambda_g \times 1)\;} & TP \otimes \pi^*T^*X & \xrightarrow{\;\pi^G\;} & T_G P \otimes T^*X
\end{array}
$$

$i_J \qquad c_\pi \quad j\lambda_g \qquad i_J \qquad c_\pi \qquad i_C \qquad \overline{c}_\pi$

$$JP \xrightarrow{\;j\lambda_g\;} JP \qquad\qquad JX$$

$$\pi_J \qquad \pi_J \qquad \pi_{\mathrm{CP}}$$

$$\pi^*(TX \otimes T^*X) \xrightarrow{\;\lambda_g \times 1\;} \pi^*(TX \otimes T^*X) \xrightarrow{\;\pi^G\;} TX \otimes T^*X$$

$\mathrm{Id} \qquad \mathrm{Id} \qquad \mathrm{Id}$

$$P \xrightarrow{\;\lambda_g\;} P \xrightarrow{\;\pi^G = \pi\;} X$$