

# Learning LaTeX - a perilous journey

Toby Mok

9/2/2025

# Contents

|          |                          |          |
|----------|--------------------------|----------|
| <b>1</b> | <b>First document</b>    | <b>1</b> |
| <b>2</b> | <b>Sections</b>          | <b>1</b> |
| 2.1      | Subsection . . . . .     | 1        |
| 2.1.1    | Subsubsection . . . . .  | 1        |
| <b>3</b> | <b>Packages</b>          | <b>1</b> |
| <b>4</b> | <b>Math</b>              | <b>1</b> |
| <b>5</b> | <b>Figures</b>           | <b>1</b> |
| <b>6</b> | <b>Table of contents</b> | <b>2</b> |

The beginning

## 1 First document

Hello World!

## 2 Sections

### 2.1 Subsection

Structuring a document is easy!

#### 2.1.1 Subsubsection

More text.

**Paragraph** Some more text.

**Subparagraph** blah blah blah

## 3 Packages

guh

$$f(x) = x + 1 * x^2$$

## 4 Math

Inline maths -  $f(x) = \log(x)$ , wow!

$$\begin{aligned} 1 + 2 &= 3 \\ 1 &= 3 - 2 \end{aligned}$$

$$\left(\frac{1}{\sqrt{x}}\right)$$

$$\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$$

## 5 Figures

Figure 1 shows a Solar.



(a) A solar. (b) Another solar. (c) Yet another solar.



(d) Too much solar.

Figure 1: The same Solar. two times.

## 6 Table of contents

### List of Figures

|   |                                    |   |
|---|------------------------------------|---|
| 1 | The same Solar. two times. . . . . | 2 |
|---|------------------------------------|---|

Table 1: Dummy table

## List of Tables

|   |                       |   |
|---|-----------------------|---|
| 1 | Dummy table . . . . . | 3 |
|---|-----------------------|---|