

Basic A4 Document Template

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Introduction

This is a basic A4 document template that works with standard LaTeX fonts.

Document Features

- A4 paper size optimized for printing
- Professional 2cm margins
- Clean typography with 12pt font
- Table of contents
- Numbered sections
- Code highlighting
- Mathematical notation

Section 1: Typography

Subsection 1.1

This document demonstrates how to create a clean, professional-looking PDF from Markdown using Pandoc and LaTeX.

Subsection 1.2

You can include **bold text**, *italic text*, and inline code seamlessly.

Section 2: Code Examples

```
def fibonacci(n):  
    """Generate the first n Fibonacci numbers"""  
    a, b = 0, 1  
    result = []  
    for i in range(n):  
        result.append(a)  
        a, b = b, a + b  
    return result  
  
# Usage  
print(fibonacci(10))
```

Section 3: Mathematics

Basic Equations

The quadratic formula:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Advanced Mathematics

Euler's identity:

$$e^{i\pi} + 1 = 0$$

Section 4: Tables

Feature	Status	Notes
Headers	Yes	Numbered automatically
Lists	Yes	Bullet and numbered
Code	Yes	Syntax highlighting
Math	Yes	LaTeX equations
Tables	Yes	Professional formatting

Section 5: Lists

Ordered List

1. Install required packages
2. Write your markdown content
3. Run pandoc to generate PDF
4. Print your document

Unordered List

- Clean, professional appearance
- Print-ready formatting
- Easy customization via YAML
- Cross-platform compatibility

Conclusion

This template provides a solid foundation for creating professional A4 documents with Pandoc and LaTeX.