An Example LaTeX Document

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1 Introduction

This is an example of a LaTeX document. You can write text, and include mathematical equations, such as the famous Pythagorean theorem:

$$a^2 + b^2 = c^2 \tag{1}$$

2 Another Section

LaTeX allows you to format documents with sections, subsections, and much more. Here's an example of a summation:

$$\sum_{i=1}^{n} i = \frac{n(n+1)}{2} \tag{2}$$