# This is a title

This is a subtitle

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December 5, 2024

# Comprehensive Markdown Showcase

#### Introduction

This document demonstrates various Markdown elements and syntax. It's designed to showcase the capabilities of Markdown and how different templates might render these elements.

## **Text Formatting**

Here are examples of basic text formatting:

- Italic text
- Bold text
- Bold and italic text
- Strikethrough text
- Inline code

### Headers

## H1 Header

## H2 Header

H3 Header

H4 Header

H5 Header

H6 Header

## Lists

#### Unordered List

- Item 1
- Item 2
  - o Subitem 2.1
  - o Subitem 2.2
- Item 3

#### Ordered List

- 1. First item
- 2. Second item
  - 1. Subitem 2.1
  - 2. Subitem 2.2
- 3. Third item

## Links and Images

### <u>Link to OpenAI</u>



Markdown Logo

## Blockquotes

This is a single line blockquote.
This is a multi-line blockquote.

### It can span multiple paragraphs.

- It can contain other Markdown elements
- Like lists

### Code Blocks

Inline code: print("Hello, World!")

Python code block:

```
def greet(name):
    return f"Hello, {name}!"
print(greet("Markdown"))
```

#### Tables

Header 1 Header 2 Header 3 Left Center Right aligned aligned aligned

#### Horizontal Rule

#### Task Lists

- ☑ Write the press release
- $\square$  Update the website
- ☐ Contact the media

#### Footnotes

Here's a sentence with a footnote.1

## Mathematical Equations

Inline math:  $E = mc^2$ 

Display math:

$$\frac{d}{dx}e^x = e^x$$

<sup>&</sup>lt;sup>1</sup> This is the footnote content.

# Subscript and Superscript

 $H_2O$ 

 $X^2$ 

This comprehensive showcase demonstrates a wide range of Markdown elements and syntax. Different Markdown processors and templates may render these elements differently, allowing you to compare and evaluate their appearances.