# Markdown Syntax Demo

This is a **bold** text, and this is *italic* text.

You can also combine them: ***bold + italic*** or ~~strikethrough~~.

## Headings

# Heading 1

## Heading 2

### Heading 3

## Lists

### Unordered list

* Item one
* Item two
  + Subitem
  + Another subitem
* Last item

### Ordered list

1. First item
2. Second item
   1. Sub-item
   2. Another sub-item
3. Third item

## Links

Here's a [link to Python's site](https://www.python.org).

## Code and Syntax Highlighting

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

### Fenced code block

def greet(name):  
 print(f"Hello, {name}!")  
  
greet("Alice")

## Blockquotes

This is a blockquote.

It can span multiple lines.

## Tables

| First Name | Last Name | Department | Position | Start Date |
| --- | --- | --- | --- | --- |
| Alice | Johnson | Marketing | Marketing Coordinator | 2022-01-15 |
| Bob | Williams | Human Resources | HR Generalist | 2021-06-01 |
| Carol | Davis | Engineering | Software Engineer | 2023-03-20 |
| David | Brown | Sales | Sales Representative | 2022-09-10 |
| Eve | Miller | Finance | Financial Analyst | 2021-11-05 |
| Frank | Garcia | Customer Service | Customer Support Specialist | 2023-07-01 |
| Grace | Rodriguez | Research & Development | Research Scientist | 2022-04-25 |
| Henry | Martinez | Operations | Operations Manager | 2021-02-14 |