My Word Document

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## 1 Quarto

*Note: You need to install tabulate (conda install tabulate)*

Quarto is an open-source scientific and technical publishing system built on [Pandoc](https://pandoc.org/) (a universal document converter).

It supports executable Python code blocks within markdown. This allows you to create fully reproducible documents and reports.

HTML documents rendered with Quarto use Bootstrap 5 by default. This can be disabled or customized via the theme option. Take a look a at the [different themes](https://quarto.org/docs/output-formats/html-themes.html)

## 2 Markdown

Markdown is an easy to read and write text format:

* It’s *plain text* so works well with version control
* It can be **rendered** into HTML, PDF, and more
* Learn more at: <https://quarto.org/docs/authoring/>

### 2.1 Callout

|  |
| --- |
| Note |
| Note that there are five types of callouts, including: note, warning, important, tip, and caution. |

|  |
| --- |
| Tip With Caption |
| This is an example of a callout with a caption. |

|  |
| --- |
| Expand To Learn About Collapse |
| This is an example of a ‘folded’ caution callout that can be expanded by the user. You can use collapse="true" to collapse it by default or collapse="false" to make a collapsible callout that is expanded by default. |

### 2.2 Tables

Some markdown options to create tables.

Table example 1:

Demonstration of pipe table syntax

| Default | Left | Right | Center |
| --- | --- | --- | --- |
| 12 | 12 | 12 | 12 |
| 123 | 123 | 123 | 123 |
| 1 | 1 | 1 | 1 |

Table example 2:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| (a) First Table   | Col1 | Col2 | Col3 | | --- | --- | --- | | A | B | C | | E | F | G | | A | G | G | |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| (b) Second Table   | Col1 | Col2 | Col3 | | --- | --- | --- | | A | B | C | | E | F | G | | A | G | G | |

Table 1: Main Caption

See [Table 1](#tbl-panel) for details, especially [Table 1 (b)](#tbl-second).

Table example 3:

Sample grid table.

| Fruit | Price | Advantages |
| --- | --- | --- |
| Bananas | $1.34 | * built-in wrapper * bright color |
| Oranges | $2.10 | * cures scurvy * tasty |