

# Quarto Document

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### 0.1 yaml foramt

yaml format . . . . .

#### 0.1.1

title,author :

#### 0.1.2

toc(table of contents) :    number-sections :    highlight-style : ??

### 0.1.3

pdf docx

### 0.1.4

quarto render Authoring.ipynb format

quarto preview Authoring.ipynb --to html quarto preview Authoring.ipynb --to pdf quarto preview Authoring.ipynb --to docx

## 0.2 Colors

- Red
- Green
- Blue

## 0.3 Shapes

- Square
- Circle
- Triangle

## 0.4 Textures

- Smooth
- Bumpy
- Fuzzy

## 0.5

$$E = mc^2$$

$$E = mc^2$$

## 1 Citations

-

## 1.1 Cross References

## 1.2 Overview

See Figure 1 in Section 1.3 for a demonstration of a simple plot See Equation 1 to better understand std

## 1.3 Plot

- @sec-plot {#sec-plot} ( )
- @fig-simple #| label: fig-simple ( )
- # .std

```
import matplotlib.pyplot as plt
plt.plot([1,23,2,4])
plt.show()
```



Figure 1: Simple plot

## 1.4 Equation

$$std = \sqrt{\frac{1}{N-1} \sum_{i=1}^N (x_i - \bar{x})^2} \quad (1)$$

**i** Note

test note