

Quarto & Q markdown Notations

My Best Practices

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1 Quarto & Q markdown Notations

1.1 Quarto

: Quarto R Python Julia

R Python

1.1.1 1.

- Quarto :
 - Windows/Mac/Linux: <https://quarto.org/download/>
- : VS Code RStudio R
- R pandoc Quarto R RMarkdown quarto R :
`install.packages("quarto")`

1.1.2 2.

1. :
`mkdir my-quarto-project`
`cd my-quarto-project`

2. Quarto :

```
quarto create-project .
quarto create hello.qmd

:

quarto create hello.qmd --type doc
```

1.1.3 3. .qmd

```
• YAML + +
: hello.qmd

---
title: "    Quarto"
format: html
---

# 1

Markdown

::: {.cell}
::: {.cell-output .cell-output-stdout}
[1] 0.0456269

:::
:::

::: {.cell}
::: {.cell-output .cell-output-stdout}
np.float64(-0.09807014209607408)

:::
:::

• {r} {python}
```

1.1.4 4.

```
• :

quarto render hello.qmd

hello.html html
```

- VS Code / RStudio Render

1.1.5 5. HTML, PDF, Word, RevealJS

- YAML :

```
format:
  html: default
  pdf: default
  docx: default
```

- (Reveal.js):

```
format: revealjs
```

PDF LaTeX TeX Live

1.1.6 6.

-
- :

```
::: {.cell}
::: {.cell-output-display}

:::
:::
```

1.1.7 7.

- __quarto.yml :

```
project:
  type: website
website:
  title: "My Site"
format:
  html:
    theme: cosmo
```

1.1.8 8.

- echo: true/false
- eval: true/false
- cache:
- fig-cap:

:

```
::: {.cell}
```

```
```{r .cell-code}
hist(x)
```

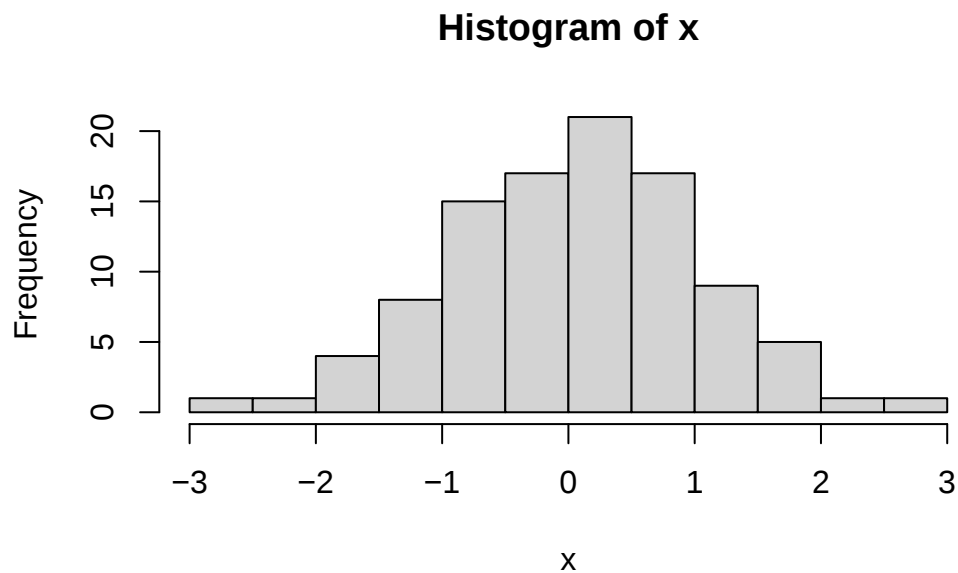


Figure 1:

```
...
```

```
9.
-
- YAML YAML
- R: install.packages, Python: pip/conda
```

```
10.
- : quarto render file.qmd
- : quarto create-project myproj
- :
- ```bash
quarto preview
 • : quarto templates
```

## 1.2 Q markdown Notation

UC

This page will be updated as needed.

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