Quarto

Contents

1 Quarto

1.1 Quarto

- Pandoc

-

- Web

- R (Python Julia)

- R Markdown

1.2 Quarto

- 3

  YAML

  markdown

1.3 YAML

-

- `-- --`

-

  ```
  ---
  title: ""
  format: html
  editor: visual
  ---
  ```

  – HTML(web)
  – visual

1.4

-

- R `"`{r} `"`

-

  ```{r}
  sigmoid <- function(x, a = 1){ #
    y <- 1 / (1 + exp(-a * x)) }
  ```

  – ()
  – R knitr https://quarto.org/docs/reference/cells/cells-knitr.html

1.5

- markdown

- T_EX

  - `$` `$~ ~$$` `$$`

-

  ```
  $\mathbb{R}=(-\infty,\infty)$
  $\mu$  $\sigma^{2}$
  $$
  \phi(x) = \frac{1}{\sqrt{2\pi\sigma^{2}}}
          e^{-\frac{(x-\mu)^{2}}{2\sigma^{2}}}
  $$
  ```

2   RStudio

2.1   Quarto

- ("File/New File")

- "Quarto Document"

-

  - "Title/Author"
  - (HTML/PDF/Word)
    * HTML

- "Create"

  - "Create"
  - "Create Empty Document" YAML
    *

2.2

- Quarto

- "Source/Visual"

    - **Source** :
    - **Visual** : Markdown

-

    - Visual GUI
    - History Source

2.3

-

    -
    - +C ()("Code/Insert Chunk")

-

    - **"Chunk Output Inline"** :
    - **"Chunk Output in Console"** :
        *

-

    - () :
    - :
        *
        *

2.4

-

-

    - **"Preview in Window"** :
    - **"Preview in Viewer Pane"** : RStudioViewer

* Viewer
* Viewer 2

- Quarto
  -
  - " + files"
  - YAML

    ```
    ---
    format:
      html:
        self-contained: true
    ---
    ```