R Shiny

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Contents

Welcome

(`shiny`) RStudio   R   .   **R**
(   )   . Shiny   .
                          .

                          (Communicate)   .   CSS JavaScript
                          .   (   )
         .

1) R   **2) Shiny**   .   4
      .

0.   Shiny   .
1. R RStudio   .
2. `install.package()` `library()`   .
3. `ggplot2`   .
4. pipe   (`%>%`)   .

                              .   .
      .

1. R
2.   R

            .   ( )   .
         .   10   0   1   .
      .   .

         ?   .

```r
install.package("shiny")
install.package("tidyverse")
```

Chapter 1

(World Wide Web; W3)   .   ,   ,   ,
                                                   .   .
        .

1.1

                        .   (   )   (Server)   .   (Client)
            .   .

1.2

   R   .   :

1. R
2.   (input)
3.   R
4.   .

             UI (User Interface)   . UI
        .   Google   .   **UI   Server**   .
                 .   UI   , UI   .   .

```
library(shiny)

ui <- fluidPage(
```

```
)

server <- function(input, output, session) {

}

shinyApp(ui, server)
```

R   ui server   .   shinyApp()   .

1.3

                      WEB1   .   .   egoing
                              .   .

Chapter 2

```
# shiny::runExample("01_hello")
```

Chapter 3

Shiny : ui & server

Some *significant* applications are demonstrated in this chapter.

Chapter 4

ui 1: *input()

We have finished a nice book.

Chapter 5

ui 2: *Output()

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Chapter 6

server: render*()

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Chapter 7

: shinydashboard

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Chapter 8

: shinyapps.io

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