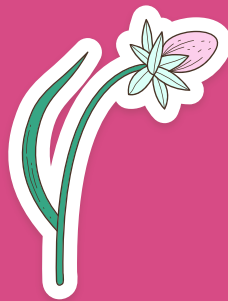


# DANDO ADEUS AO SHINY APP PADRÃO

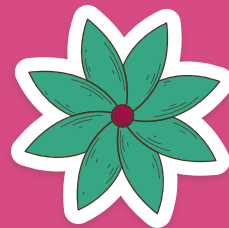
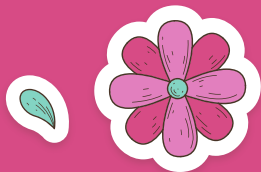
themes e shinyWidgets



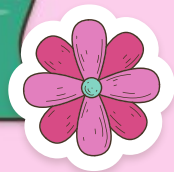


01

TEMAS



# COMPOSIÇÃO DE UM PAINEL



## CABEÇALHO

dashboardHeader()

01

02

## BARRA LATERAL

dashboardSidebar ()

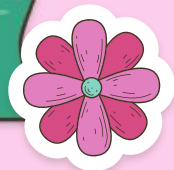
## CORPO

dashboardBody()

03



# INTERFACE BÁSICA

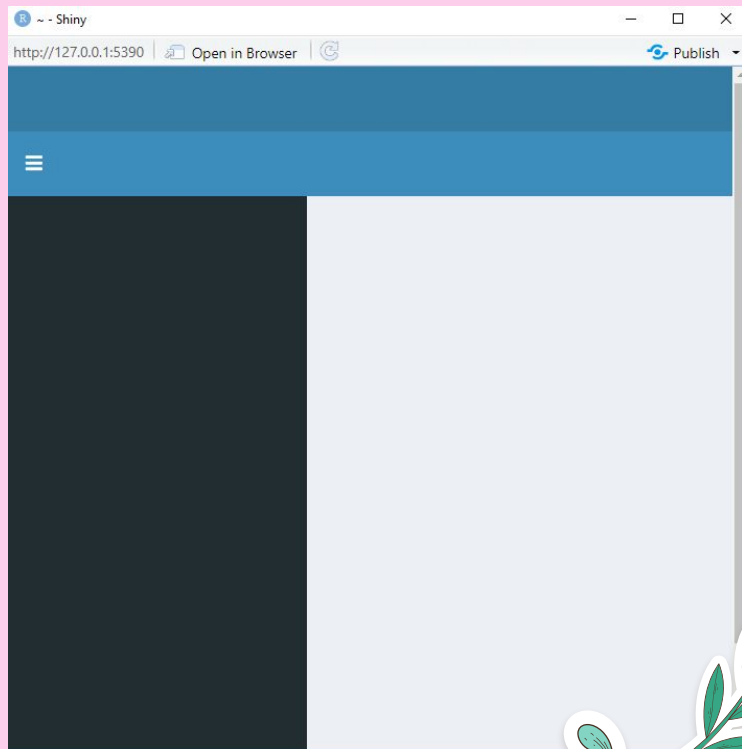


```
ui <- dashboardPage(  
  dashboardHeader(),  
  dashboardSidebar(),  
  dashboardBody()  
)
```

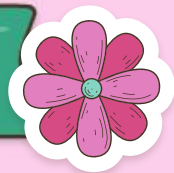
```
server <- function(input, output) { }
```

```
shinyApp(ui, server)
```

```
library(shiny)  
library(shinydashboard)
```

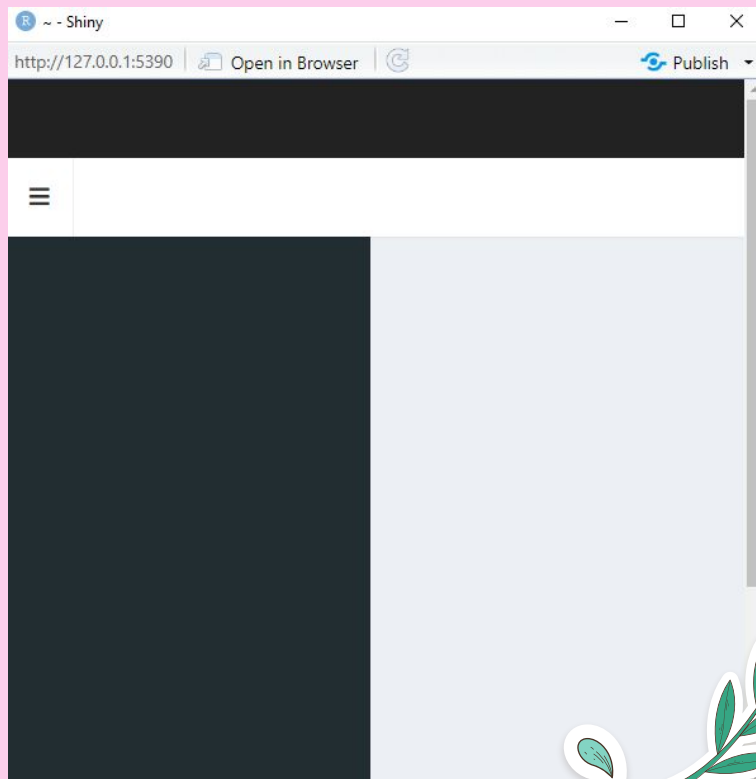


# SKINS

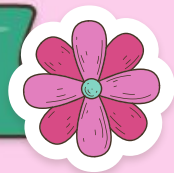


```
ui <- dashboardPage(skin = "black",  
  dashboardHeader(),  
  dashboardSidebar(),  
  dashboardBody()  
)
```

"blue", "black", "purple",  
"green", "red", "yellow"

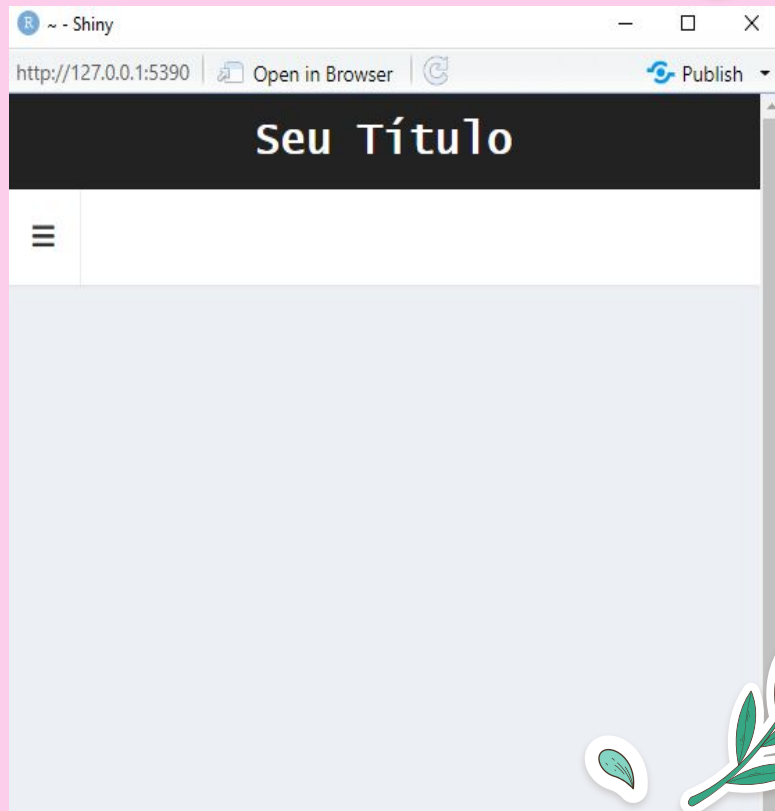


# CUSTOMIZAÇÃO FONTE - CSS

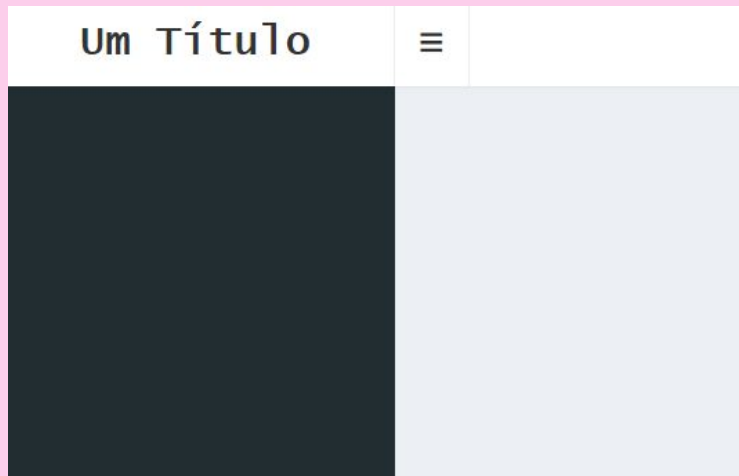
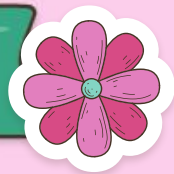


```
ui <- dashboardPage(skin="black",  
  dashboardHeader(title = "Seu Título"),  
  dashboardSidebar(),  
  dashboardBody(  
    tags$head(tags$style(HTML('  
      .main-header .logo {  
        font-family: "Lucida Console",  
        Courier, monospace;  
        font-weight: bold;  
        font-size: 24px;  
      } ')))  
  ))
```

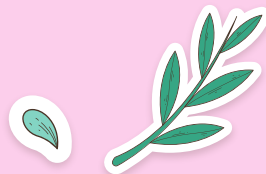
<https://www.w3schools.com/cssref/>



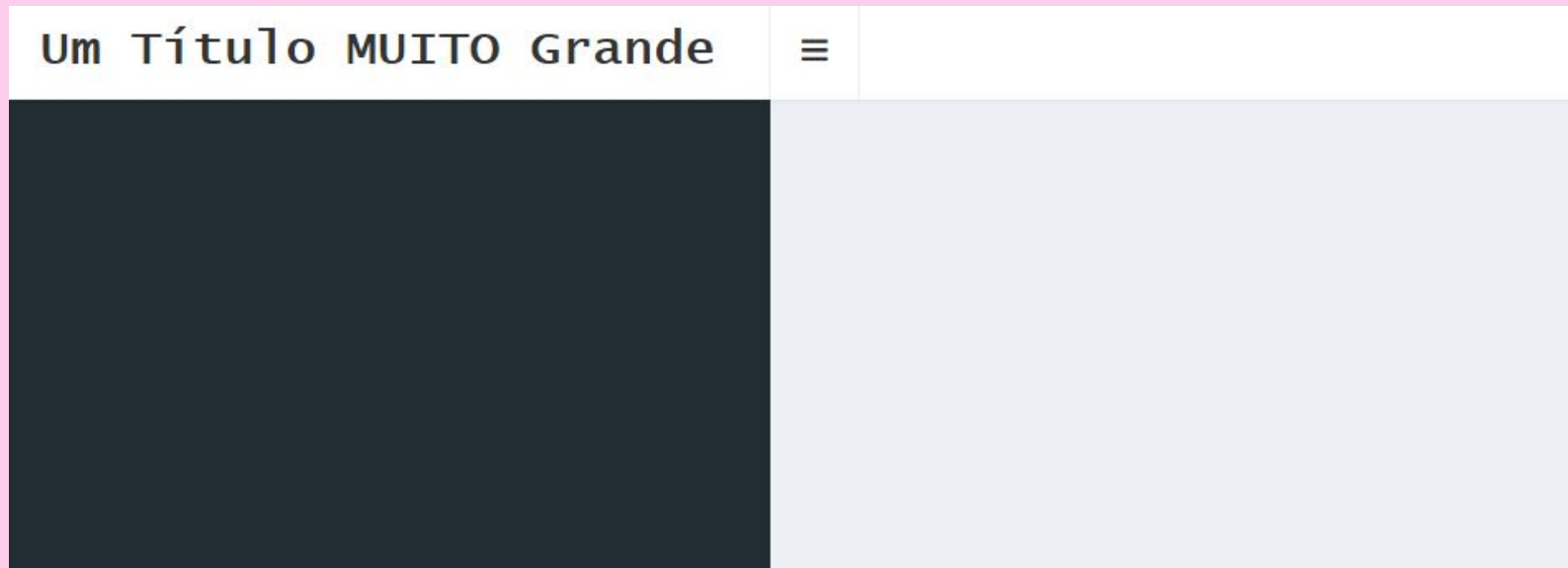
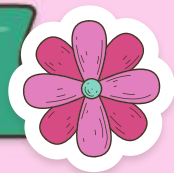
# TÍTULOS LONGOS



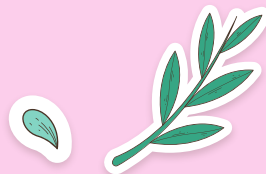
```
dashboardHeader(title = "Um Título MUITO Grande",  
                titleWidth = 380)
```



# LARGURA DA BARRA LATERAL

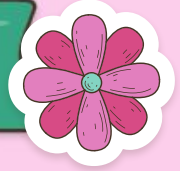


`dashboardSidebar`(width = 380)





# ABAS NO MENU



R Ladies

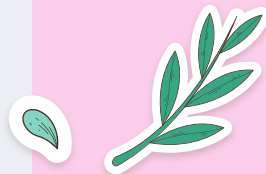


Pink Power

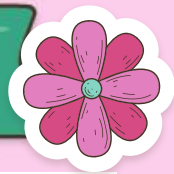
Strong Woman

Information

```
dashboardSidebar(  
  width = 200,  
  sidebarMenu(  
    menuItem("Pink Power"),  
    menuItem("Strong Woman"),  
    menuItem("Information")  
  )  
)
```





# ÍCONES EM ABAS DO MENU



R Ladies



 Pink Power

 Strong Woman

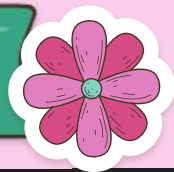
 Information

```
sidebarMenu(  
  menuItem("Pink Power", tabName = "item1",  
    icon = icon("battery-full")),  
  menuItem("Strong Woman", tabName =  
    "item2", icon = icon("bahai")),  
  menuItem("Information", tabName = "item3",  
    icon = icon("info"))  
)
```

<https://fontawesome.com/icons>




# SUB-ABAS DO MENU





## R Ladies



 Pink Power



 Power

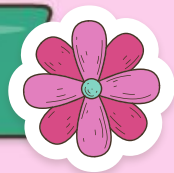
 Strong Woman

 Information

```
dashboardSidebar(  
  width = 200,  
  sidebarMenu(  
    menuItem("Pink Power", tabName = "item1", icon =  
icon("battery-full"),  
    menuItem("Power", tabName = "subitem1", icon =  
icon("plug"))),  
    menuItem("Strong Woman", tabName = "item2", icon =  
icon("bahai")),  
    menuItem("Information", tabName = "item3", icon =  
icon("info"))
```



# TabItem



```
dashboardBody(tabItems(  
  tabItem()  
))
```

Seu Título

Escreva aqui

**Escreva** : Escreva aqui

**Olá** : Escreva aqui

**Hello** : Escreva aqui

**Oba!** : Escreva aqui

Escreva aqui <h1>

Escreva aqui <h2>

Escreva aqui <h3>

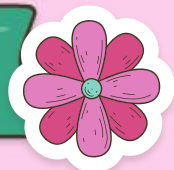
Escreva aqui <h4>

Escreva aqui <h5>

```
tabItem(tabName = "item2",  
  |  
  mainPanel(  
    box(status = "info", width=150, solidHeader = T,  
      title = "Seu Título",  
      h4("Escreva aqui",  
        ,align= "justify"),  
      h4(strong("Escreva"),": Escreva aqui", align= "justify"),  
      h4(strong("Olá"),": Escreva aqui", align= "justify"),  
      h4(strong("Hello"),": Escreva aqui", align= "justify"),  
      h4(strong("Oba!"),": Escreva aqui", align= "justify"),  
      h1("Escreva aqui <h1>", align= "justify"),  
      h2("Escreva aqui <h2>", align= "justify"),  
      h3("Escreva aqui <h3>", align= "justify"),  
      h4("Escreva aqui <h4>", align= "justify"),  
      h5("Escreva aqui <h5>", align= "justify")  
    ),  
  ))
```



# CORINGA: TEMA PRONTO



C:/Users/chell/Desktop - Shiny

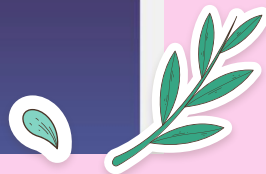
http://127.0.0.1:3613 | Open in Browser | Publish

R Ladies

- Pink Power
- Strong Woman
- Information

```
ui <- dashboardPage(  
  dashboardHeader(),  
  dashboardSidebar(),  
  dashboardBody(  
    shinyDashboardThemes(  
      theme = "flat_red"  
    )  
  )  
)
```

<https://github.com/nik01010/dashboardthemes>

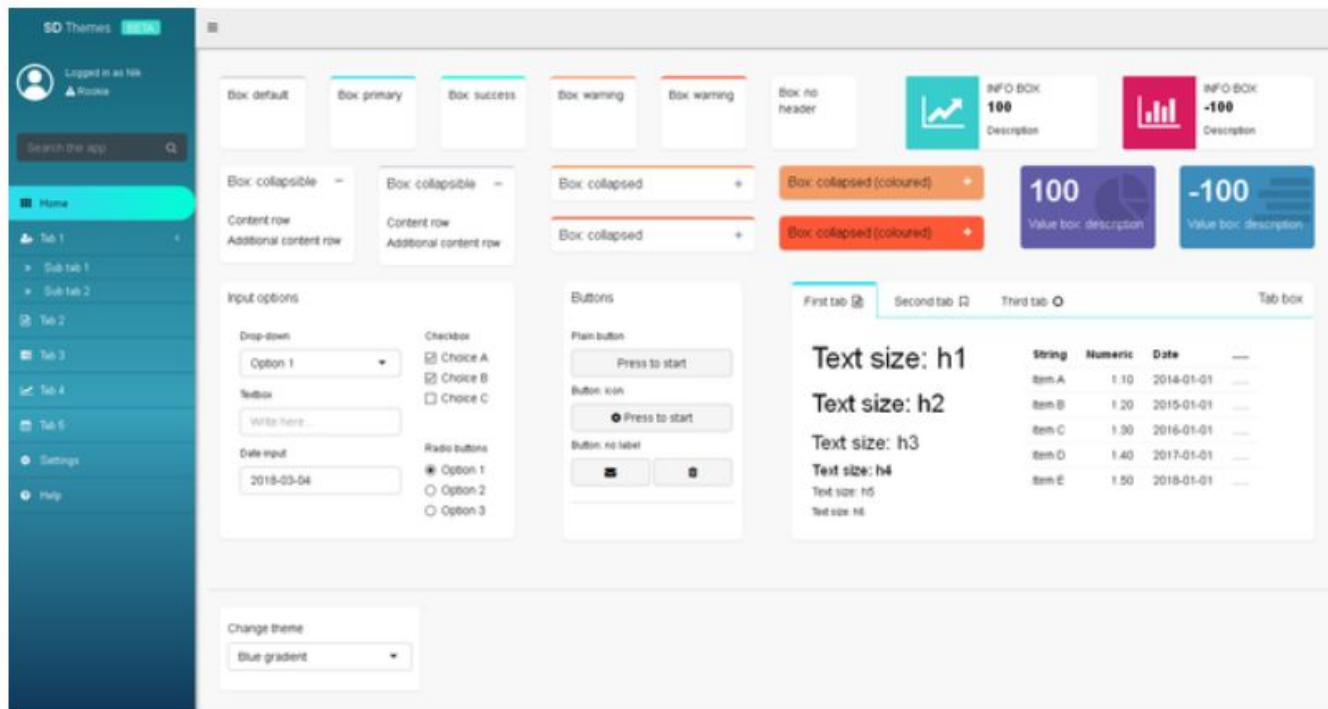


# TEMAS

Theme	Code	Description
Blue gradient	blue_gradient	Demonstrates use of gradients, shadows and rounded corners
Flat Red	flat_red	Flat colour theme with red highlights.
Grey light	grey_light	Simple, light theme using a grey colour schemes
Grey dark	grey_dark	Demonstrates use of inverted dark colour schemes
OneNote	onenote	Styled similarly to the OneNote application
Poor man's Flatly	poor_mans_flatly	Poor man's version of the <a href="#">Flatly</a> theme
Purple gradient	purple_gradient	Demonstrates high use of gradients and a smaller sidebar

# TEMAS

## Blue gradient



## TEMAS

# Flat Red

The image displays a user interface for a theme named "Flat Red". The interface is divided into a sidebar on the left and a main content area. The sidebar is dark red and contains a user profile section at the top, a search bar, and a list of navigation items: Home, Tab 1, Sub tab 1, Sub tab 2, Tab 2, Tab 3, Tab 4, Tab 5, Settings, and Help. The main content area is white and features a grid of UI components. These components include various box styles (default, primary, success, warning), input options (drop-down, textbox, date input), buttons (plain, icon, no label), and a tab box. The tab box is a table with columns for String, Numeric, and Date, and it displays data for five items (A, B, C, D, E). The overall design is clean and modern, with a focus on the red color scheme.

50 Themes **Flat Red**

Logged in as Bob  
Role: Role

Search the app

Home

Tab 1

Sub tab 1

Sub tab 2

Tab 2

Tab 3

Tab 4

Tab 5

Settings

Help

Box: default

Box: primary

Box: success

Box: warning

Box: warning

Box: no header

INFO BOX  
100  
Description

INFO BOX  
-100  
Description

Box: collapsible -

Content row  
Additional content row

Box: collapsed

Box: collapsed

Box: collapsed coloured

Box: collapsed coloured

100  
Value box: description

-100  
Value box: description

Input options

Drop-down

Option 1

Textbox

Write here

Date input

2018-03-04

Checkbox

Choice A

Choice B

Choice C

Radio buttons

Option 1

Option 2

Option 3

Buttons

Plain button

Press to start

Button: icon

Press to start

Button: no label

Tab box

First tab

Second tab

Third tab

Text size: h1

Text size: h2

Text size: h3

Text size: h4

Text size: h5

Text size: h6

String

Numeric

Date

Item A

1.10

2014-01-01

Item B

1.20

2015-01-01

Item C

1.30

2016-01-01

Item D

1.40

2017-01-01

Item E

1.50

2018-01-01

Change theme

Flat Red

SD Themes

BEYA

Logged in as hls

Profile

Search the app

Home

Tab 1

Sub tab 1

Sub tab 2

Tab 2

Tab 3

Tab 4

Tab 5

Settings

Help

Box default

Box primary

Box success

Box warning

Box warning

Box no header

INFO BOX  
100

Description

INFO BOX  
-100

Description

Box: collapsible –  

Content row

Additional content row

Box: collapsible –  

Content row

Additional content row

Box: collapsed +

Box: collapsed +

Box: collapsed coloured +

Box: collapsed coloured +

100  
Value box description

-100  
Value box description

Input options

Drop-down  

Option 1 ▾

Textbox  

Write here

Date input  

2016-03-04

Checkbox  

☒ Choice A

☒ Choice B

☐ Choice C

Radio buttons  

☒ Option 1

☐ Option 2

☐ Option 3

Buttons

Plain button  

Press to start

Button icon  

Press to start

Button: no label

First tab

Second tab

Third tab

Tab box

Text size: h1

Text size: h2

Text size: h3

Text size: h4

Text size: h5

Text size: h6

String	Numeric	Date	---
Item A	1.10	2014-01-01	---
Item B	1.20	2015-01-01	---
Item C	1.30	2016-01-01	---
Item D	1.40	2017-01-01	---
Item E	1.50	2018-01-01	---

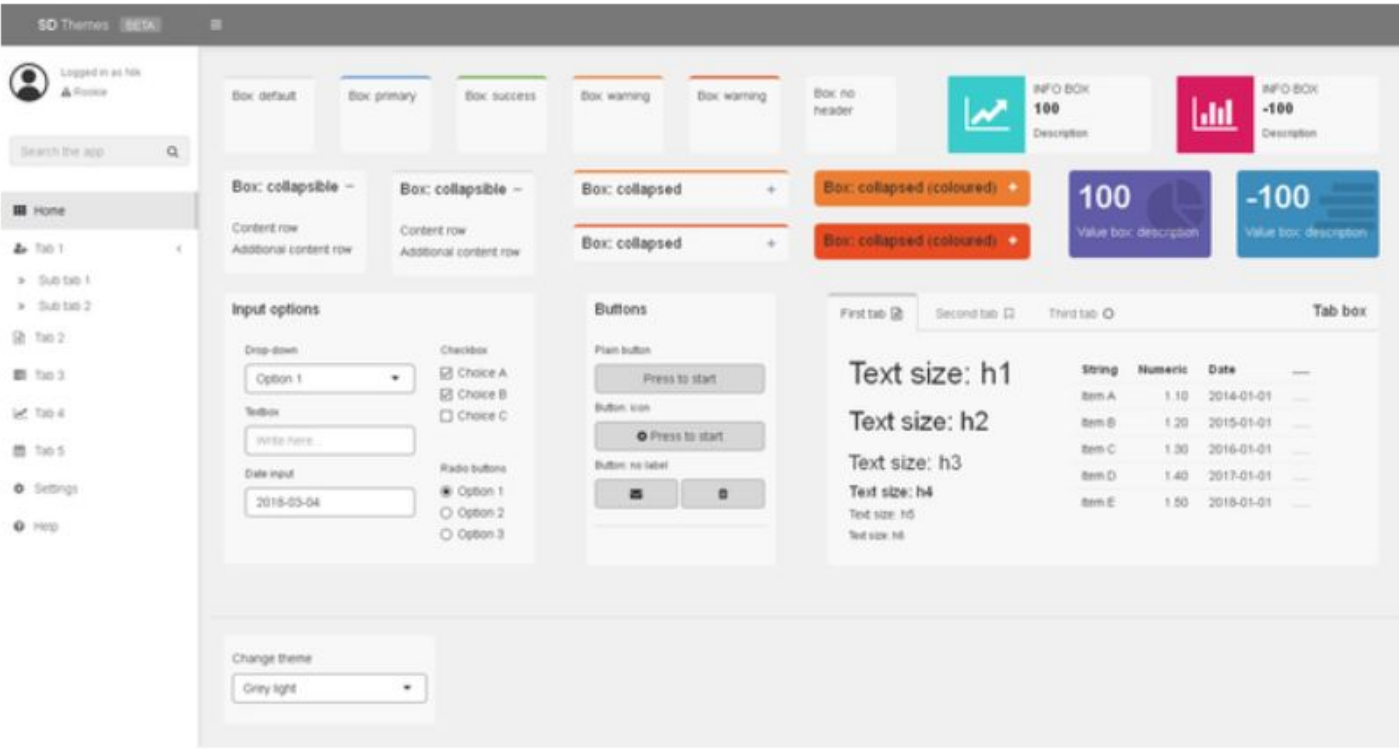
Change theme

Box: website ▾



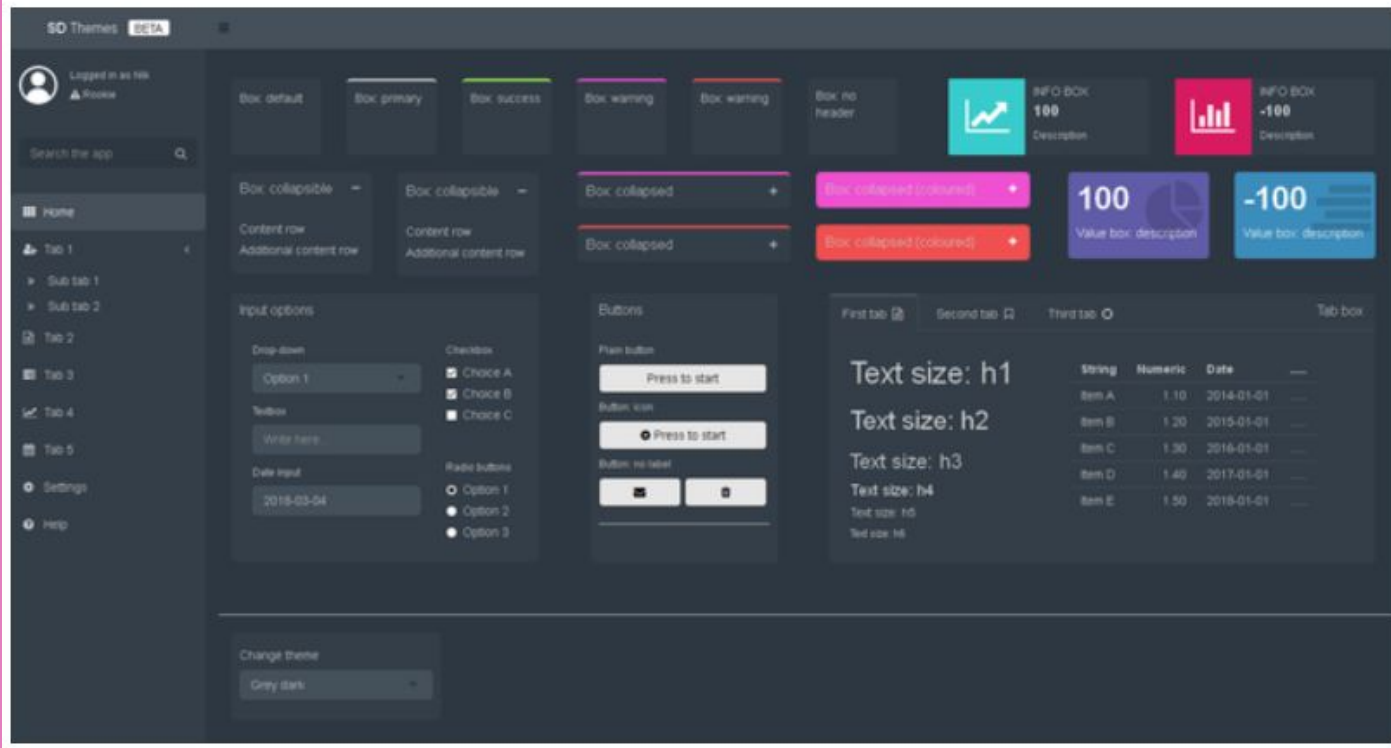
# TEMAS

## Grey light



# TEMAS


## Grey dark



# TEMAS

## OneNote

SD Themes BETA

 Logged in as Nik  
▲ Rookie

Search the app

Phone

Tab 1

Sub tab 1

Sub tab 2

Tab 2

Tab 3

Tab 4

Tab 5

Settings

Help

Box: default

Box: primary

Box: success

Box: warning

Box: warning

Box: no header

Box: collapsible

Box: collapsible

Box: collapsed

Box: collapsed (coloured)

Box: collapsed (coloured)

Input options

Buttons

Text size: h1

Text size: h2

Text size: h3

Text size: h4

Text size: h5

Text size: h6

Change theme

OneNote

INFO BOX  
100  
Description

INFO BOX  
-100  
Description

100  
Value box: description

-100  
Value box: description

First tab

Second tab

Third tab


Tab box


String	Numeric	Date	
Item A	1.10	2014-01-01	...
Item B	1.20	2015-01-01	...
Item C	1.30	2016-01-01	...
Item D	1.40	2017-01-01	...
Item E	1.50	2018-01-01	...

# TEMAS

## Poor man's Flatly

SD Themes **BETA**

 Logged in as Nils  
▲ Profile

Search the app 

Home

Tab 1

- Sub tab 1
- Sub tab 2

Tab 2

Tab 3

Tab 4

Tab 5

Settings

Help

Box: default


Box: primary


Box: success

Box: warning

Box: warning

Box: no header

 INFO BOX  
**100**  
Description

 INFO BOX  
**-100**  
Description

Box: collapsible-  
Content row  
Additional content row

Box: collapsible-  
Content row  
Additional content row

Box: collapsed  
Box: collapsed

Box: collapsed (coloured)

Box: collapsed (coloured)

100  
Value box: description

-100  
Value box: description

Input options  
Drop-down  
Option 1  
Textbox  
Write here...  
Date input  
2018-03-04  
Checkbox  
☒ Choice A  
☒ Choice B  
☐ Choice C  
Radio buttons  
☒ Option 1  
☐ Option 2  
☐ Option 3

Buttons  
Plain button  
Press to start  
Button: icon  
Press to start  
Button: no label

Text size: h1  
Text size: h2  
Text size: h3  
Text size: h4  
Text size: h5  
Text size: h6

First tab Second tab Third tab  
Tab box  

String	Numeric	Date	
Item A	1.10	2014-01-01	
Item B	1.20	2015-01-01	
Item C	1.30	2016-01-01	
Item D	1.40	2017-01-01	
Item E	1.50	2018-01-01	

Change theme  
Poor man's Flatly

# TEMAS

## Purple gradient



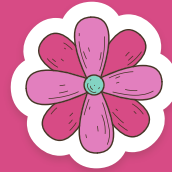
# MÃO NA MASSA



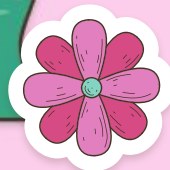
02

**VISUALIZAÇÕES**

Interativas



# PACOTES GRÁFICOS



## Plot básico / ggplot

plotOutput  
renderPlot

01

02

## Highchart

highchartOutput  
renderHighchart

## Plotly

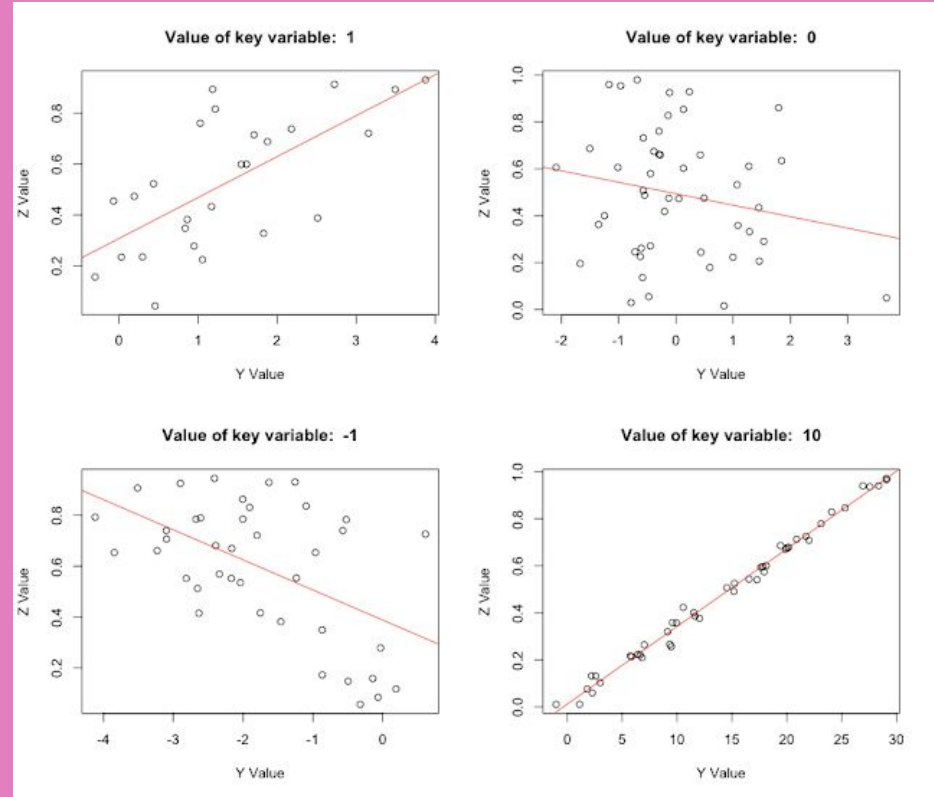
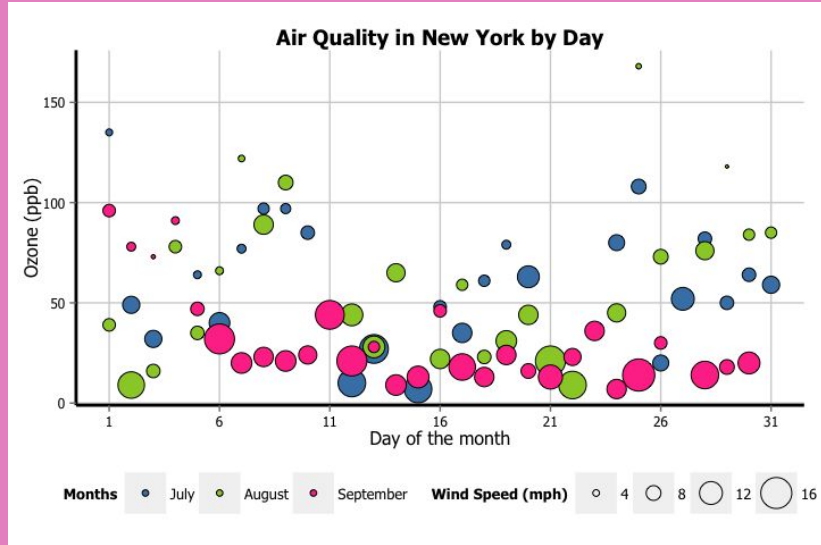
plotlyOutput  
renderPlotly

03

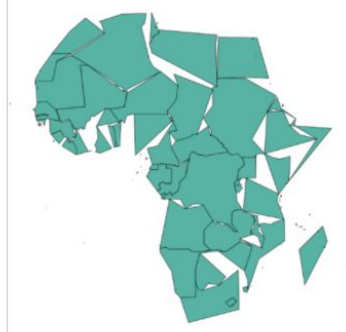
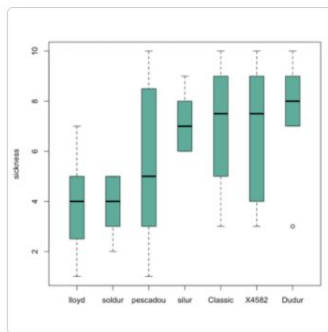
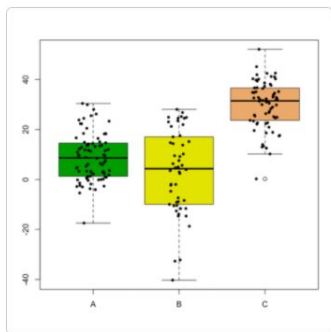
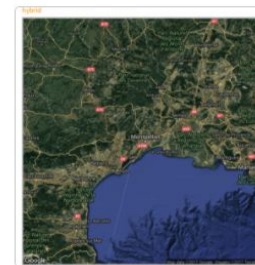
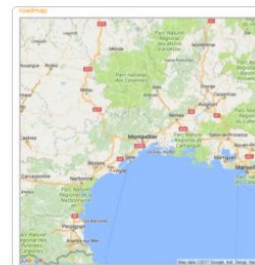
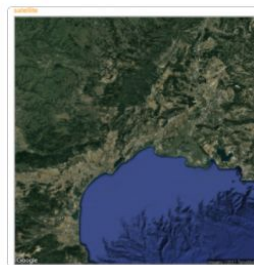
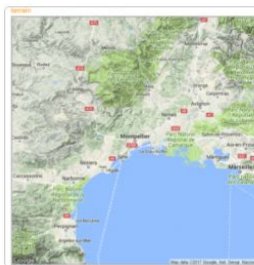
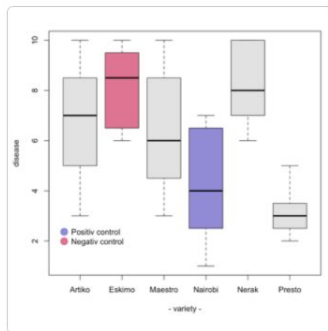
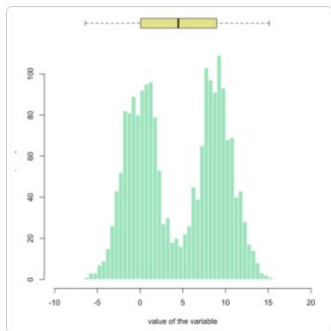




# PLOT BÁSICO

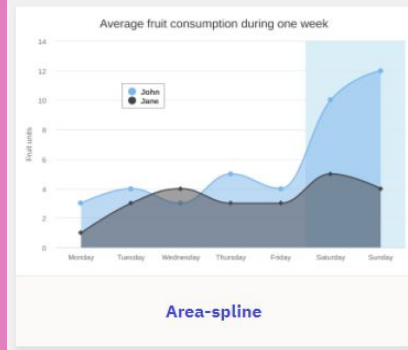
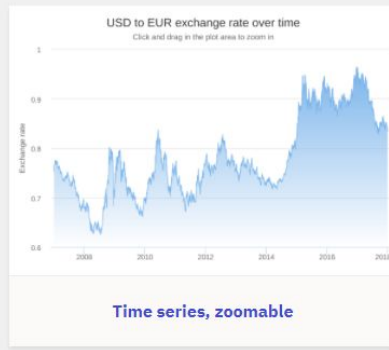
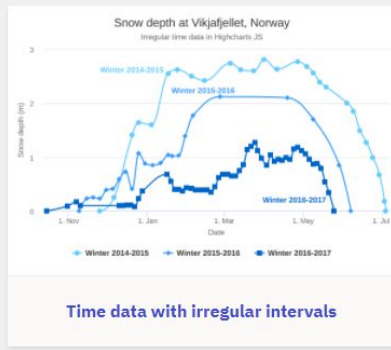
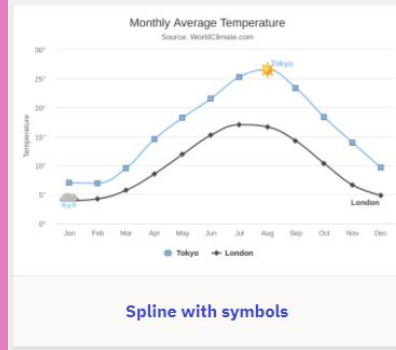
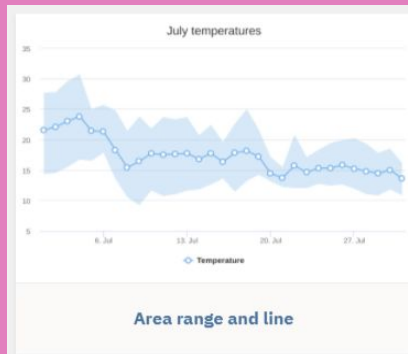
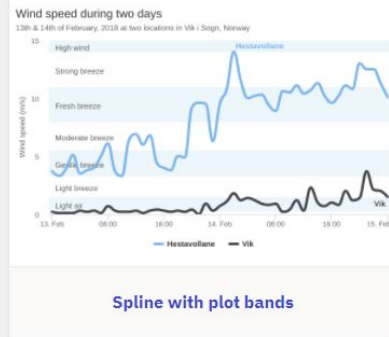
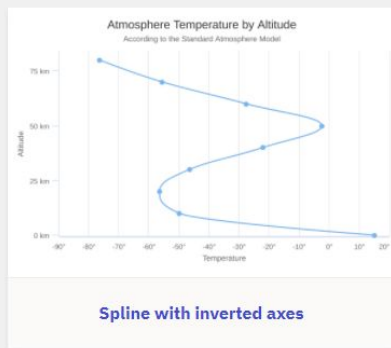


# GGPLOT

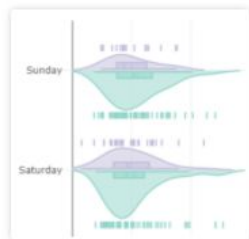


<https://r-graph-gallery.com/index.html>

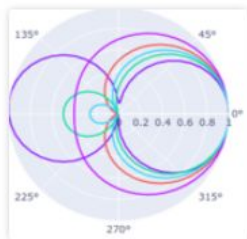
# HIGHCHART



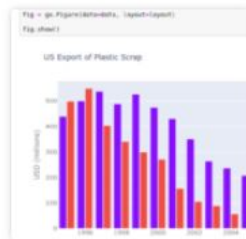
# PLOTLY



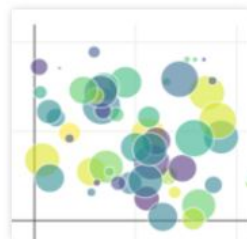
The Figure Data Structure



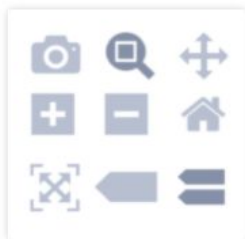
Creating and Updating Figures



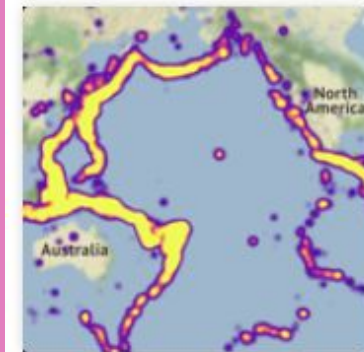
Displaying Figures



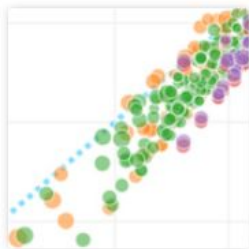
Exporting Graphs as Static Images



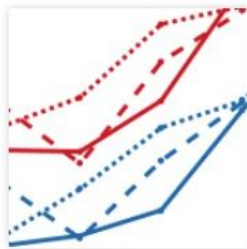
Configuration



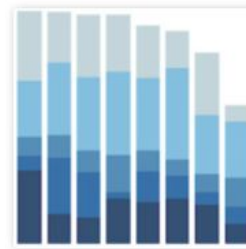
Mapbox Density



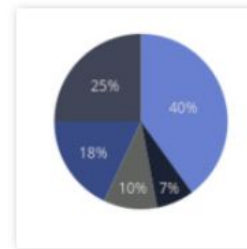
Scatter and Line Plots



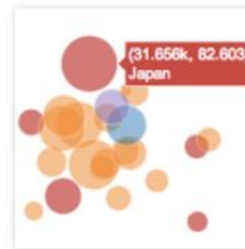
Line Plots



Bar Charts



Pie Charts



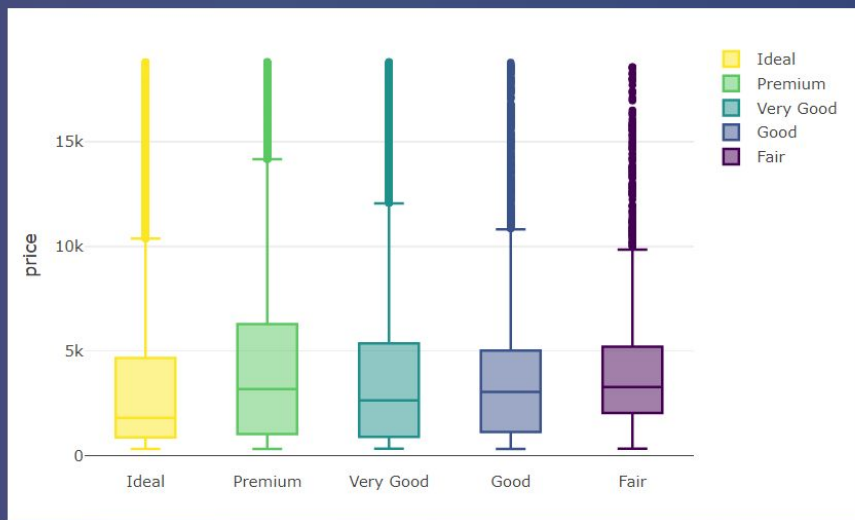
Bubble Charts

<https://plotly.com/r/>

# PLOTLY

R Ladies

III



ui

```
dashboardBody(tabItems(  
  tabItem(tabName = "subitem1",  
    fluidRow(box(  
      solidHeader=TRUE, status="info",  
      plotlyOutput("ex2")  
    )))  
))
```

server

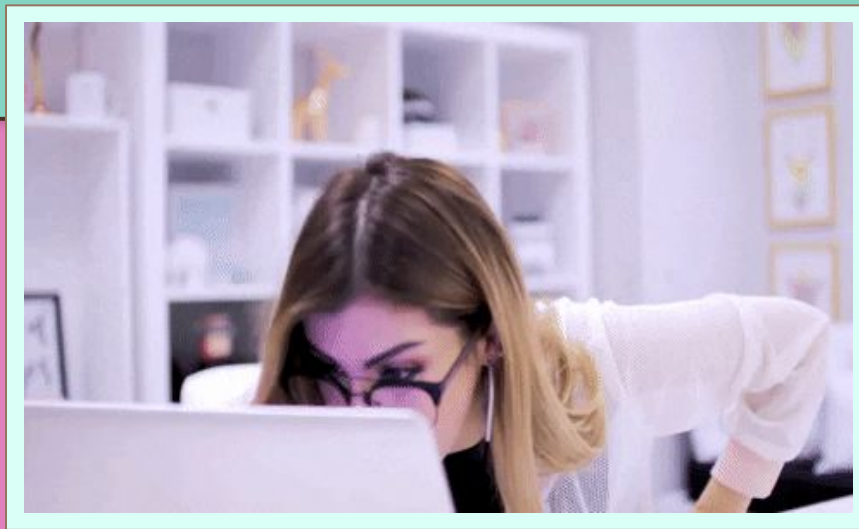
```
output$ex2 <- renderPlotly{  
  input$action
```

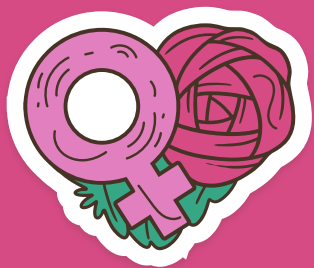
```
  fig <- plot_ly(ggplot2::diamonds, y = ~price, color =  
    ~cut, type = "box")
```

```
  Fig  
}
```

<https://plotly.com/r/>

# MÃO NA MASSA





**WIDGETS**

03



# WIDGETS

## Separated buttons

### Label

☒ Option 1   ☐ Option 2   ☐ Option 3   ☐ Option 4

### Your choice:



## Checkbox group

### Checkboxes

☒ A  
☐ B  
☐ C

## Radio buttons with icons, status

### Choose:

☒ Click me !  
☐ Me !  
☐ Or me !

## Inline radio buttons & fill status

### Choose:

☒ Click me !   ☐ Me !   ☐ Or me !

## Update choices

### Checkbox group

☒ A   ☐ B   ☐ C

## Radio buttons with icons

### Choose:

☒ Click me !  
☐ Me !  
☐ Or me !

## TRUE at start

ON

## More icons

### Label

☒ A   ☒ B   ☒ C   ☒ D

## Icon in the middle



OFF

## Radio buttons

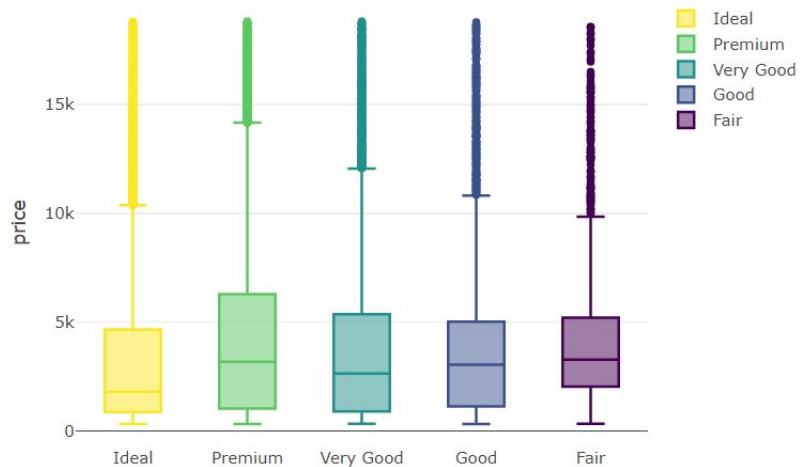
### Radio buttons

☒ A  
☐ B  
☐ C

<http://shinyapps.dreamrs.fr/shinyWidgets/>

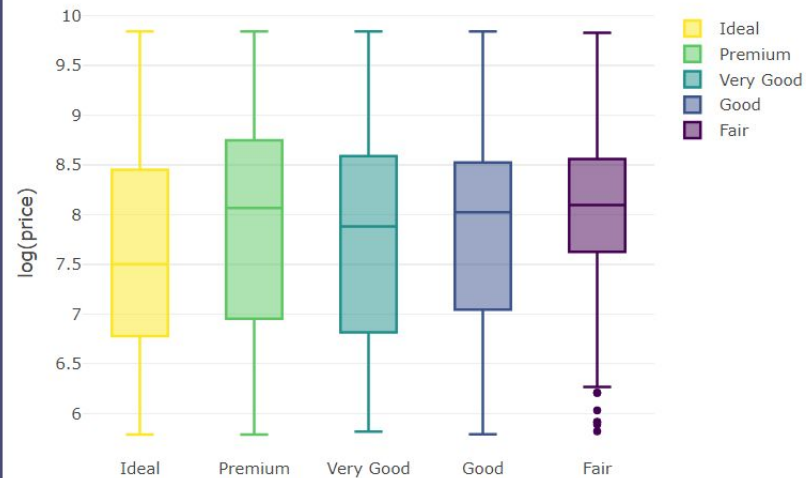


# WIDGETS



Linear

Logaritmo



Linear

Logaritmo

<http://shinyapps.dreamrs.fr/shinyWidgets/>

# WIDGETS

```
tabItem(tabName = "subitem1",  
  
  fluidRow(box(  
    solidHeader=TRUE, status="info",  
    plotlyOutput("ex2"),  
    radioGroupButtons(  
      inputId = "wid1",  
      label = "",  
      choices = c("Linear",  
                  "Logaritmo"),  
      justified = TRUE  
    )  
  )  
))
```

```
output$ex2 <- renderPlotly(  
  input$action  
  
  ifelse(input$wid1=="Linear",  
    fig <- plot_ly(ggplot2::diamonds,  
                    y = ~price,  
                    color = ~cut,  
                    type = "box"),  
    fig <- plot_ly(ggplot2::diamonds,  
                    y = ~log(price),  
                    color = ~cut,  
                    type = "box")  
  
  )  
  
  fig  
  
})
```

# STATUS

```
tabItem(tabName = "subitem1",  
  
  fluidRow(box(  
    solidHeader=TRUE, status="info",  
    plotlyOutput("ex2"),  
    radioGroupButtons(  
      inputId = "wid1",  
      label = "",  
      choices = c("Linear",  
                  "Logaritmo"),  
      justified = TRUE  
    )  
  )  
))
```

primary

success

info

warning

danger

# MÃO NA MASSA



04

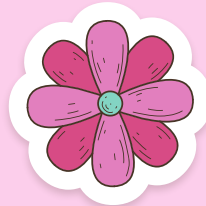
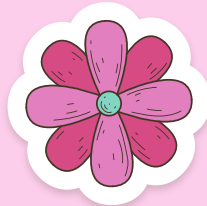
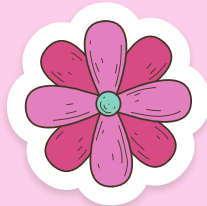
ONLINE!



<https://www.shinyapps.io/>



# OBRIGADA!



**Entre em contato comigo!**

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+71 9 9109 6536

**CREDITS:** This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**

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