---

title: "Dashboard no R"

output:

flexdashboard::flex\_dashboard:

orientation: rows

social: menu

---

```{r setup, include=FALSE}

library(flexdashboard)

data(mtcars)

mtcars<-within(mtcars,{am<-factor(am,labels=c("automatico","manual"))})

mtcars<-within(mtcars,{vs<-factor(vs,labels=c("não","sim"))})

```

Basicos

=======================================================================

Row {.tabset}

-----------------------------------------------------------------------

### Gráfico de barras do tipo de marcha

```{r}

barplot(table(mtcars$am),col="red",ylim=c(0,30))

```

### Chart B

```{r}

barplot(table(mtcars$am),col="blue",ylim=c(0,40))

```

### Chart C

```{r}

pie(table(mtcars$am),col=c("yellow","green"))

```

Outros Gráficos

=======================================================================

Row {.tabset}

-----------------------------------------------------------------------

### Chart d

```{r}

plot(mtcars$mpg,mtcars$hp,col="blue",pch=19,xlab="milhas por galão",ylab="cavalos de potência",main="Diagrama de Dispersão")

abline(lsfit(mtcars$mpg,mtcars$hp),col="blue",lty=2,lwd=4)

```

### Chart F

```{r}

hist(mtcars$hp, col="darkred")

```

### Chart G

```{r}

MC<-cor(mtcars[,c("disp","drat","hp","mpg","qsec","wt")])

library(corrplot)

#corrplot(MC,method="circle")

corrplot.mixed(MC)

```

### Chart H

```{r}

resultado<-c(11000,240000,19000,-500,-9000,1000,-2000)

ano<-c("2010","2011","2012","2013","2014","2015","2016")

dadosgrafico1<-data.frame(ano,resultado,stringsAsFactors = TRUE)

library(ggplot2)

grafico<-ggplot(data=dadosgrafico1,aes(x=ano,y=resultado))+geom\_bar(stat="identity",fill=c("#10c6d3","#0ea5af","#0b8b93","#096c72","#064144","#10c6d3","#0ea5af"))+

ylab("Resultado Primario")+

xlab("Ano")+

theme\_minimal()

library(plotly)

ggplotly(grafico)

```

### Chart I

```{r}

library(dygraphs)

dygraph(nhtemp,main="New Haven Temperatures") %>%

dyRangeSelector()

```

### Chart J

```{r}

library(dygraphs)

library(data.table)

z <- rbind(

data.table(t=as.POSIXlt("2015-07-01 09:30:00") + 0:359, y = cumsum(rnorm(360))),

data.table(t=as.POSIXlt("2015-07-01 11:30:00") + 0:359, y = cumsum(rnorm(360))))

setkey(z, t)

z[, t := as.Date("2015-07-01") + seq\_along(y)]

dygraph(z)

```