SAVING GRAPHS AND PLOTS IN DISK

Prepare your data

```
# Create my_data

my_data <- mtcars

# Print the first 6 rows

head(my_data, 6)
```

The R base function **plot**() can be used to create graphs.

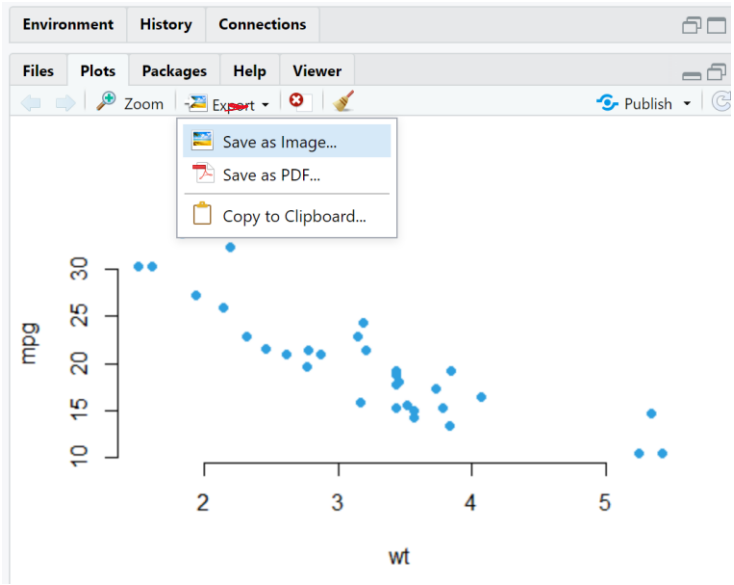
```
plot(x = my_data$wt, y = my_data$mpg,

    pch = 16, frame = FALSE,

    xlab = "wt", ylab = "mpg", col = "#2E9FDF")
```

Saving graphs

If you are working with RStudio, the plot can be exported from menu in plot panel (lower right-pannel).



It’s also possible to save the graph using R codes as follow:

Specify files to save your image using a function such as jpeg(), png(), svg() or pdf(). Additional argument indicating the width and the height of the image can be also used.

Create the plot

Close the file with dev.off()

Open a pdf file

```
pdf("rplot.pdf")
# 2. Create a plot
plot(x = my_data$wt, y = my_data$mpg,
    pch = 16, frame = FALSE,
    xlab = "wt", ylab = "mpg", col = "#2E9FDF")
# Close the pdf file
dev.off()
```

1. Open jpeg file

```
jpeg("rplot.jpg", width = 350, height = 350)
# 2. Create the plot
plot(x = my_data$wt, y = my_data$mpg,
    pch = 16, frame = FALSE,
    xlab = "wt", ylab = "mpg", col = "#2E9FDF")
# 3. Close the file
dev.off()
```

File formats for exporting plots:

pdf(“rplot.pdf”): pdf file

png(“rplot.png”): png file

jpeg(“rplot.jpg”): jpeg file

postscript(“rplot.ps”): postscript file

bmp(“rplot.bmp”): bmp file

win.metafile(“rplot.wmf”): windows metafile