

■ Michael Kamp – RStudio Cheat Sheet v1.0

1. Check Your Working Directory

Use these commands to see or change where RStudio is working:

`getwd()` → shows your current folder
`setwd("Z:/Files")` → changes directory

2. Run Code

Keyboard shortcuts for running code:

`Ctrl + Enter` → run selected line(s)
`Ctrl + Shift + Enter` → run entire script
`Ctrl + L` → clear console

3. Manage Packages

Install, load, and update packages:

`install.packages("packageName")`
`library(packageName)`
`update.packages()`

4. View and Explore Data

Useful commands to inspect data frames:

`View(dataFrame)` → open spreadsheet view
`head(dataFrame)` → first 6 rows
`str(dataFrame)` → data structure
`summary(dataFrame)` → quick statistics

5. Saving & Exporting Data

Save or export your work:

`write.csv(dataFrame, "filename.csv", row.names=FALSE)`
`save.image("myWorkspace.RData")`

6. Environment Management

Manage your workspace:

`rm(list = ls())` → clear all objects
`ls()` → list all objects in memory

7. Plots

Quick ways to visualize data:

`plot(x, y)` → basic scatterplot

`hist(data)` → histogram

`boxplot(data)` → boxplot

8. Keyboard Shortcuts

Speed up your workflow:

`Ctrl + Shift + M` → insert %>% pipe

`Ctrl + Alt + I` → new code chunk (R Markdown)

`Ctrl + Shift + C` → comment/uncomment lines