

Getting Started with R/RStudio & Data Cleaning Basics

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Activities:

Activity 1: Learn how to download and install R/RStudio (1/2week)

a. Install R

1. Click on the official R website [Click here](#)
2. Click on the link for your operating system
 - Windows: Click "Download R for Windows."
 - MacOS: Click "Download R for (Mac) OS X."

b. Install R Cont.

1. Once the installer is downloaded, open it.
2. Allowing the installer to install R and related files.
3. Selecting a directory for R installation (the default is fine for most users).

c. Install RStudio

1. Click on the official RStudio website [Click here](#)
2. Choose the appropriate installer for your operating system:
 - Windows: Click "Download R for Windows."
 - MacOS: Click "Download R for (Mac) OS X."

d. Install RStudio Cont.

1. Once the installer is downloaded, open it.
2. RStudio will automatically detect R (assuming R is already installed).
3. Complete the installation process.

e. Verify the Installation

To verify your R/RStudio installation is set up correctly:

1. Open RStudio.
2. In the RStudio console (**the lower left panel**), type version and press Enter.
3. This will show you the version of R that RStudio is using.

f. Start Using RStudio

Once both R and RStudio are installed:

1. Open RStudio.

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2. You can start writing and running R code in the console, or you can create R scripts by going to **File > New File > R Script**.