

Installing R and RStudio

R and RStudio are two separate programs. **Install R first, and then install RStudio.** R is the statistical programming language that runs your code; RStudio is the program that provides a convenient interface for working with R.

Windows

1. Install R

1. Go to the CRAN website: <https://cran.r-project.org/>.
2. Click **Download R for Windows**.
3. Click **base**, then click the link to download the latest version of R for Windows.
4. Open the downloaded **.exe** file and follow the installation wizard. The default installation options are suitable for this module.
5. When the installation has finished, close the installer.

2. Install RStudio

1. Go to the Posit download page: <https://posit.co/downloads/>.
2. Under **RStudio Desktop**, select the **Open Source Edition (Free)**.
3. Download the Windows installer.
4. Open the downloaded **.exe** file and follow the installation wizard. The default options are suitable for this module.

Note: The current release of RStudio Desktop supports Windows 11. If you are using an older version of Windows and the latest release will not install, see the “Older operating systems” section below.

macOS

1. Install R

1. Go to the CRAN website: <https://cran.r-project.org/>.
2. Click **Download R for macOS**.
3. Download the installer for your Mac:

- If your Mac has an **Apple silicon** processor (for example M1, M2, M3, M4, or later), download the `arm64.pkg` installer.
- If you have an older **Intel** Mac, download the `x86_64.pkg` installer.

If you are unsure which type of Mac you have, open the Apple menu and select **About This Mac**. The entry labelled **Chip** or **Processor** will identify it.

4. Open the downloaded `.pkg` file and follow the installation instructions. The default options are suitable for this module.

2. Install RStudio

1. Go to the Posit download page: <https://posit.co/downloads/>.
2. Under **RStudio Desktop**, select the **Open Source Edition (Free)**.
3. Download the macOS `.dmg` installer.
4. Open the downloaded `.dmg` file and drag the RStudio icon into your **Applications** folder.
5. Open RStudio from your Applications folder.

Note: The current release of RStudio Desktop supports macOS 14 (Sonoma) and later. If you are using an older version of macOS and the latest release will not install, see the next section.

Older operating systems

If the latest version of RStudio Desktop is not compatible with your operating system, you can find information about compatible earlier releases on the Posit website: <https://docs.posit.co/supported-versions/rstudio.html>.

Check that the installation works

Once both programs are installed:

1. Open **RStudio**.
2. Find the **Console** pane. By default, this is normally in the lower-left part of the RStudio window.
3. At the `>` prompt, type:

```
1 + 1
```

and press Enter.

4. R should return:

```
[1] 2
```

If you see this result, R and RStudio have been installed successfully.