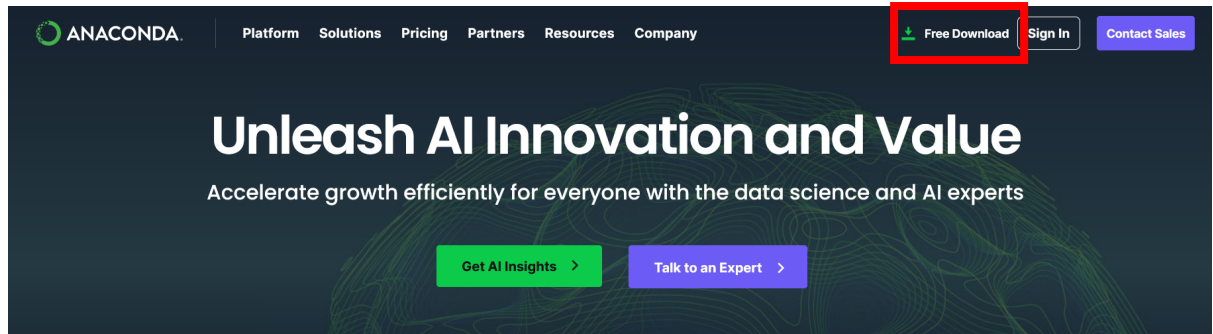


## PERSIAPAN ANACONDA DAN RSTUDIO

### A. Download Anaconda

1. Akses lawan website Anaconda → [www.anaconda.com](https://www.anaconda.com)
2. Klik **“Free Download”**, di kanan atas halaman website



3. Pilih **“Skip Registration”**, di bawah tombol **“Submit”**

- ✓ Easily search and install thousands of data science, machine learning, and AI packages
- ✓ Manage packages and environments from a desktop application or work from the command line
- ✓ Deploy across hardware and software platforms

Commercial use at a company of more than 200 employees requires a Business or Enterprise license. [See Pricing](#)

Email Address:

☐ I agree to receive communication from Anaconda regarding relevant content, products, and services. I understand that I can revoke this consent [here](#) at any time.

By continuing, I agree to Anaconda's [Privacy Policy](#) and [Terms of Service](#).

Submit >

Skip registration

4. Klik **“Download”**

## Download Now

For installation assistance, refer to [Troubleshooting](#).

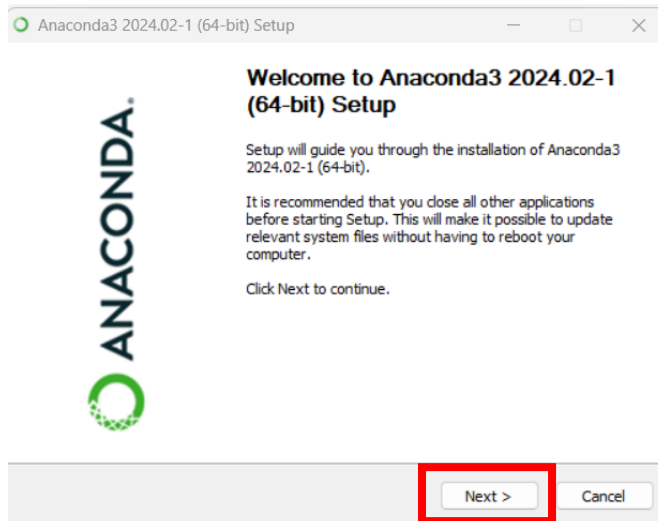
Download Distribution by choosing the proper installer for your machine.

Download

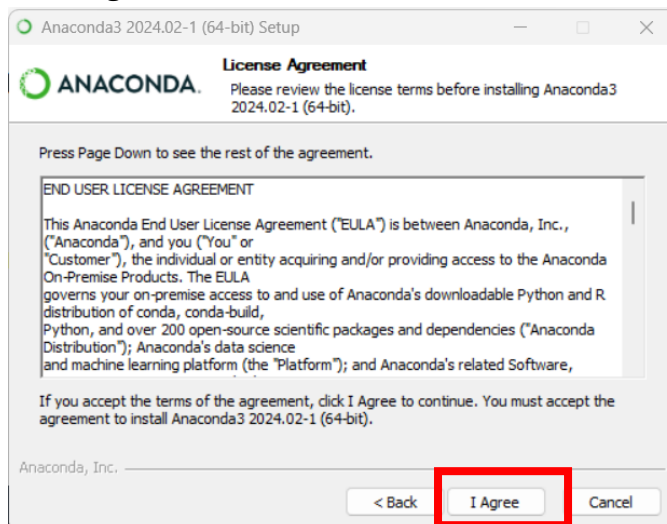


### B. Installing Anaconda

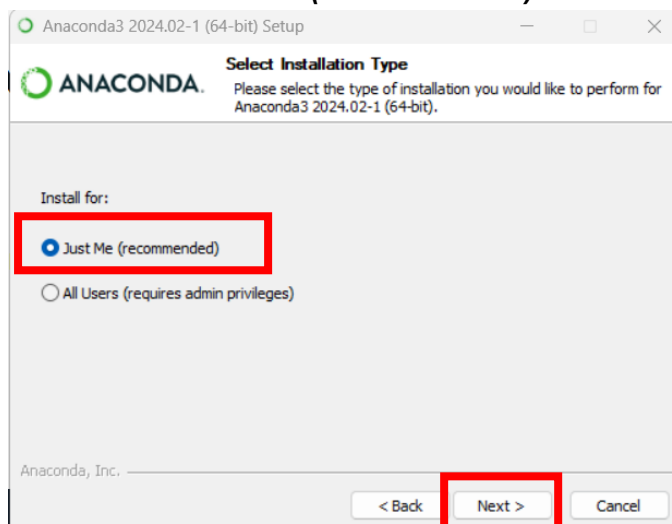
1. Buka folder lokasi aplikasi **Anaconda** yang telah terdownload
2. Buka **Installer Anaconda** yang telah terdownload → klik **“Next”**



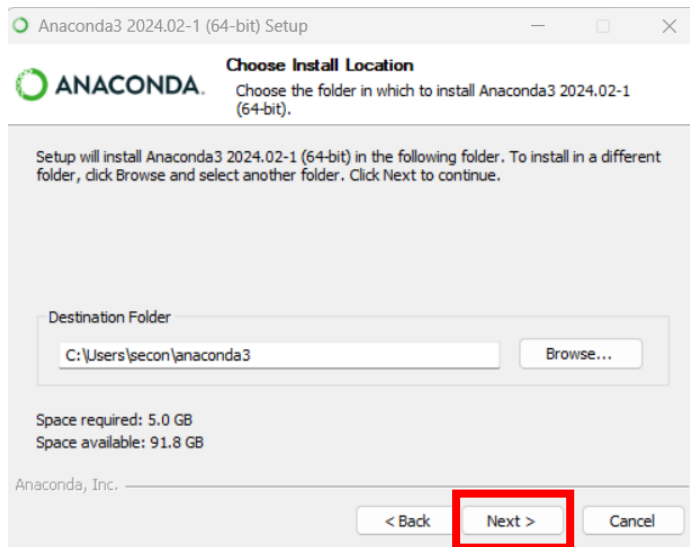
3. Klik **“I Agree”**



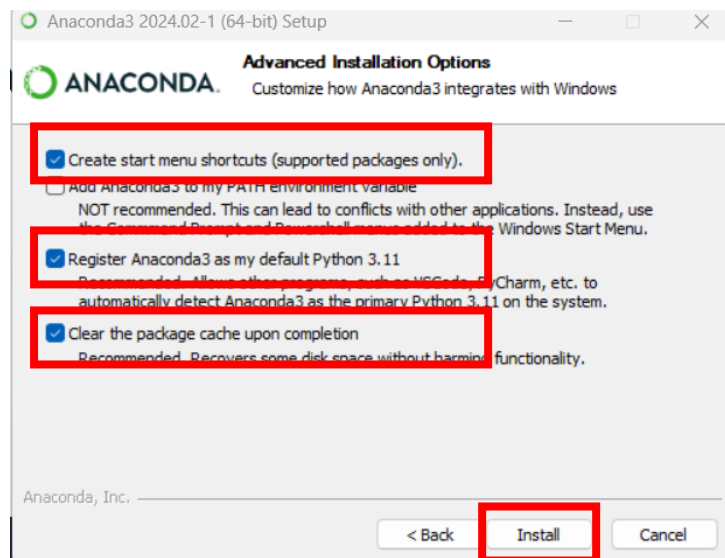
4. Pilih Install for **“Just Me (Recommended)”** → Klik **“Next”**



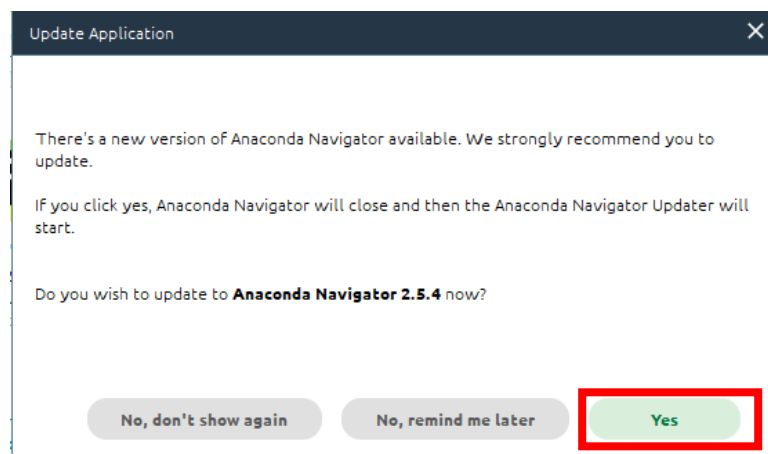
5. Pastikan kapasitas penyimpanan masih tersisa 5.0 GB → Klik **“Next”**



6. Centang **“Create start menu shortcuts”** → Centang **“Register Anaconda 3 as my default Python 3.11”** → Centang **“Clear the package cache upon completion”** → Klik **“Install”**



7. Tunggu hingga proses instalasi selesai → Klik **“Next”** → Klik **“Next”** → Klik **“Finish”**
8. Buka **Anaconda.Navigator** → Update **Anaconda.Navigator 2.5.4** klik **“Yes”** → Klik **“Update Now”** → Tunggu hingga update selesai → Klik **“Launch Navigator”**



## Anaconda Navigator Updater



Current version: 2.5.2  
Available version: 2.5.4

An update for Anaconda Navigator is now available.

Dismiss

Update now

## Anaconda Navigator Updater



Current version: 2.5.4  
Available version: 2.5.4

Anaconda Navigator was updated successfully.

Dismiss

Launch Navigator

### C. Instalasi R dan RStudio

1. Buka link [www.r-project.org](https://www.r-project.org)
2. Klik "Download R"



## The R Project for Statistical Computing

### Getting Started

R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS. [To download R](#), please choose your preferred [CRAN mirror](#).

If you have questions about R like how to download and install the software, or what the license terms are, please read our [answers to frequently asked questions](#) before you send an email.

### News

- R version 4.4.0 (Puppy Cup) prerelease versions will appear starting Sunday 2024-03-21. Final release is scheduled for Wednesday 2024-04-24.
- R version 4.3.3 (Angel Food Cake) has been released on 2024-02-29.
- Registration for useR! 2024 has opened with early bird deadline March 31 2024.
- R version 4.2.3 (Shortstop Beagle) has been released on 2023-03-15.

[You can support the R Foundation with a membership or by becoming a sponsor.](#)

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[Reporting Bugs](#)  
[Conferences](#)  
[Search](#)  
[Get Involved: Mailing Lists](#)  
[Get Involved: Contributing](#)

3. Pilih "0-Cloud" → <https://cloud.r-project.org/>

The Comprehensive R Archive Network is available at the following URLs, please choose a location close to you. Some statistics on the status of the mirrors can be found here:

If you want to host a new mirror at your institution, please have a look at the [CRAN Mirror HOWTO](#).

0-Cloud

<https://cloud.r-project.org/>

Automatic redirection to servers worldwide, currently sponsored by Posit

4. Pilih link *Download* sesuai dengan OS laptop masing-masing

### Download and Install R

Precompiled binary distributions of the base system and contributed packages, **Windows and Mac** users most likely want one of these versions of R:

- [Download R for Linux](#) (Debian, Fedora/Redhat, Ubuntu)
- [Download R for macOS](#)
- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your Linux package management system in addition to the link above.

5. Klik "**Install R for the first time**"

## R for Windows

Subdirectories:

<a href="#">base</a>	Binaries for base distribution. This is what you want to <b>install R for the first time</b> .
<a href="#">contrib</a>	Binaries of contributed CRAN packages (for R >= 4.0.x).
<a href="#">old contrib</a>	Binaries of contributed CRAN packages for outdated versions of R (for R < 4.0.x).
<a href="#">Rtools</a>	Tools to build R and R packages. This is what you want to build your own packages on Windows, or to build R itself.

Please do not submit binaries to CRAN. Package developers might want to contact Uwe Ligges directly in case of questions / suggestions related to Windows binaries.

You may also want to read the [R FAQ](#) and [R for Windows FAQ](#).

Note: CRAN does some checks on these binaries for viruses, but cannot give guarantees. Use the normal precautions with downloaded executables.

### 6. Klik “Download R-4.33 for Windows/Linux/macOS

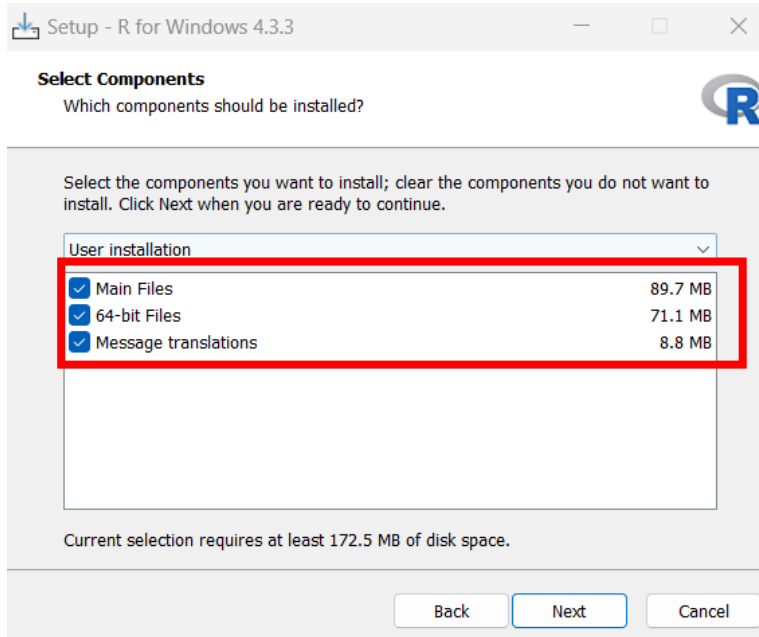
#### R-4.3.3 for Windows

**Download R-4.3.3 for Windows** (79 megabytes, 64 bit)

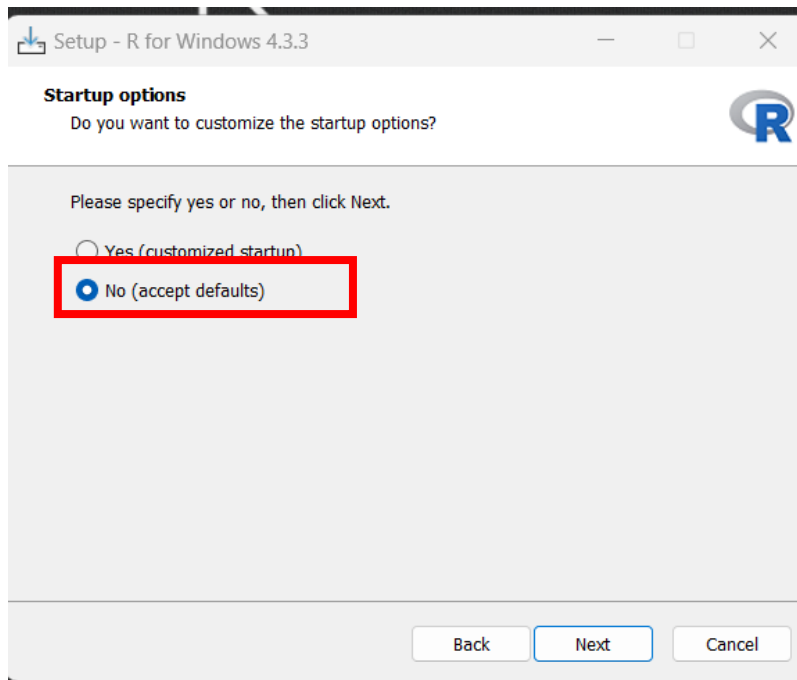
[README on the Windows binary distribution](#)

[New features in this version](#)

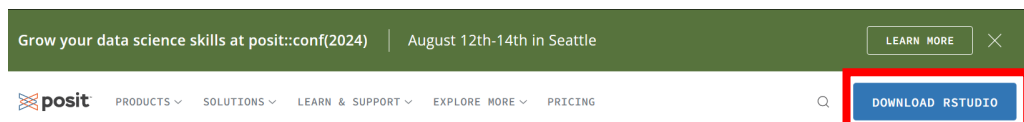
7. Cari file R yang sudah terdownload “**R-4.3.3 win.exe**” → jalankan file tersebut
8. Lakukan Instalasi sesuai dengan alur
9. Pada bagian **Select Components** pastikan “**Main File, 64-bit files, dan Message Translations**” tercentang



10. Pada bagian **Startup options** pilih “**No (accept defaults)**”



11. Lanjutkan hingga instalasi selesai
12. Buka website <https://posit.co/>
13. Pilih “**DOWNLOAD RSTUDIO**”



14. Pada bagian RStudio Desktop, pilih “**DOWNLOAD RSTUDIO**”

#### RStudio Desktop

# RStudio Desktop

Find out more about RStudio Desktop and RStudio Desktop Pro below.

**DOWNLOAD RSTUDIO**

15. Download RStudio sesuai dengan OS masing-masing

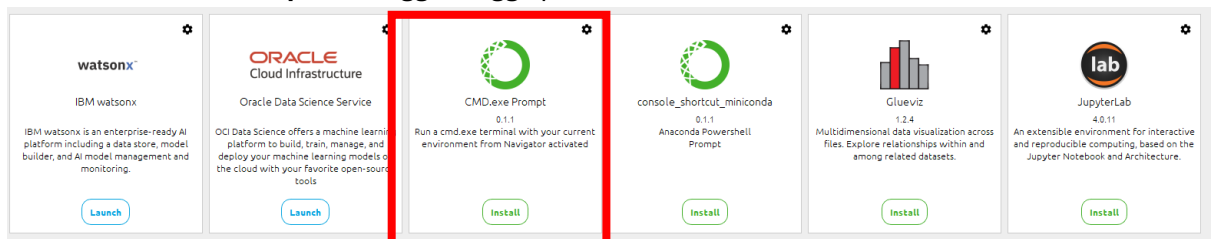
OS	Download	Size	SHA-256
Windows 10/11	<a href="#">RSTUDIO-2023.12.1-402.EXE ±</a>	215.66 MB	<a href="#">D3C03C42</a>
macOS 12+	<a href="#">RSTUDIO-2023.12.1-402.DMG ±</a>	382.66 MB	<a href="#">C8D9185D</a>
Ubuntu 20/Debian 11	<a href="#">RSTUDIO-2023.12.1-402-AMD64.DEB ±</a>	149.27 MB	<a href="#">81F221BE</a>
Ubuntu 22/Debian 12	<a href="#">RSTUDIO-2023.12.1-402-AMD64.DEB ±</a>	149.96 MB	<a href="#">75542CC2</a>

16. Cari file yang telah terunduh “**RSTUDIO-2023.12.1-402.exe**”

17. Jalankan instalasi program hingga selesai

#### D. Install Library Anaconda

1. Buka **Anaconda Navigator**
2. Pastikan terkoneksi dengan jaringan internet yang stabil
3. Install **CMD.exe Prompt** → tunggu hingga proses instalasi selesai



4. Buka **CMD.exe Prompt** → klik “**Launch**”
5. Install Library “**Pandas**” → Ketik “**conda install -c conda-forge pandas**”

```
Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

(rstudio) C:\Users\secon>conda install -c conda-forge pandas
```

6. Tunggu hingga proses instalasi selesai → ketik “**y**”

```
The following packages will be SUPERSEDED by a higher-priority channel:

openssl                pkgs/main::openssl-1.0.2u-he774522_0 --> conda-forge::openssl-1.0.2u-hfa6e2cd_0
setuptools             pkgs/main::setuptools-65.6.3-py37h9a9~ --> conda-forge::setuptools-59.8.0-py37h03978a9_1

Proceed ([y]/n)?
```

7. Tunggu hingga seluruh proses download selesai

```
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
```