

Introduction to R

Dr Yu Yong Poh

<https://www.richieyyptutorialpage.com/>

<https://github.com/richieyuyongpoh>

Malaysia R User Group

TOPICS


- Tools
- R Fundamentals

TOOLS

- [Posit Cloud](#) (Formerly known as RStudio Cloud)
- [Google Colab](#)

Posit Cloud

→ ↻ 🏠 🔒 posit.cloud

 **posit** Cloud

Friction free data science

Posit Cloud (formerly RStudio Cloud) lets you access Posit's powerful set of data science tools right in your browser – no installation or complex configuration required.

GET STARTED **ALREADY A USER? LOG IN**

If you already have a shinyapps.io account, you can log in using your existing credentials

Posit Cloud


Log In


Don't have an account?
Sign Up

Continue

[Forgot your password?](#)

or

 Log In with Google

 Log In with GitHub

Posit Cloud

The screenshot displays the Posit Cloud web interface. On the left sidebar, there are three navigation items: 'Your Content' (highlighted), 'Archive', and 'Trash'. The main content area is titled 'Your Content (1)'. Below this title, there is a header bar with 'ACCESS' and a dropdown menu showing an asterisk and a downward arrow. To the right of this is a 'SORT' dropdown menu, which is circled in red. The 'New Project' dropdown menu is also circled in red and contains three options: 'New RStudio Project' (with an R logo), 'New Jupyter Project' (with a Jupyter logo), and 'New Project from Git Repository' (with a GitHub logo). Below the header bar, the main content area shows a project titled 'Introduction to R'. This project is an 'RStudio Project' (indicated by an R logo), is 'Private' (indicated by a lock icon), and was 'Created Nov 25, 2022 12:00 AM'.

Your Content (1)

ACCESS * ▾ SORT ▾

New Project ▾

- New RStudio Project
- New Jupyter Project
- New Project from Git Repository

Introduction to R

R RStudio Project Private Created Nov 25, 2022 12:00 AM

Posit Cloud

The screenshot displays the Posit Cloud web interface. On the left is a sidebar with navigation links: Spaces, Your Workspace, New Space, Learn (Guide, What's New, Primers, Cheat Sheets), Help (Current System Status, Posit Community), and Plans & Pricing. The main area is titled 'Your Workspace / Introduction to R', with 'Introduction to R' circled in red. Below the title is a menu bar with options: File, Edit, Code, View, Plots, Session, Build, Debug, Profile, Tools, and Help. A toolbar contains icons for file operations and a 'Go to file/function' search bar. The central console shows the R 4.2.2 startup message and the R license text. On the right, there are panels for Environment (showing 'Global Environment'), History, Connections, and Tutorial. Below these are tabs for Files, Plots, Packages, Help, Viewer, and Presentations. The Files panel shows a list of files in the 'project' directory: '..' (0 B), '.Rhistory' (0 B), and 'project.Rproj' (205 B).

posit Cloud

Your Workspace / Introduction to R

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function

Console Terminal Background Jobs

R 4.2.2 · /cloud/project/

R version 4.2.2 (2022-10-31) -- "Innocent and Trusting"
Copyright (C) 2022 The R Foundation for Statistical Computing
Platform: x86_64-pc-linux-gnu (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> |

Environment History Connections Tutorial

Import Dataset 125 MiB

R Global Environment

Environment is empty

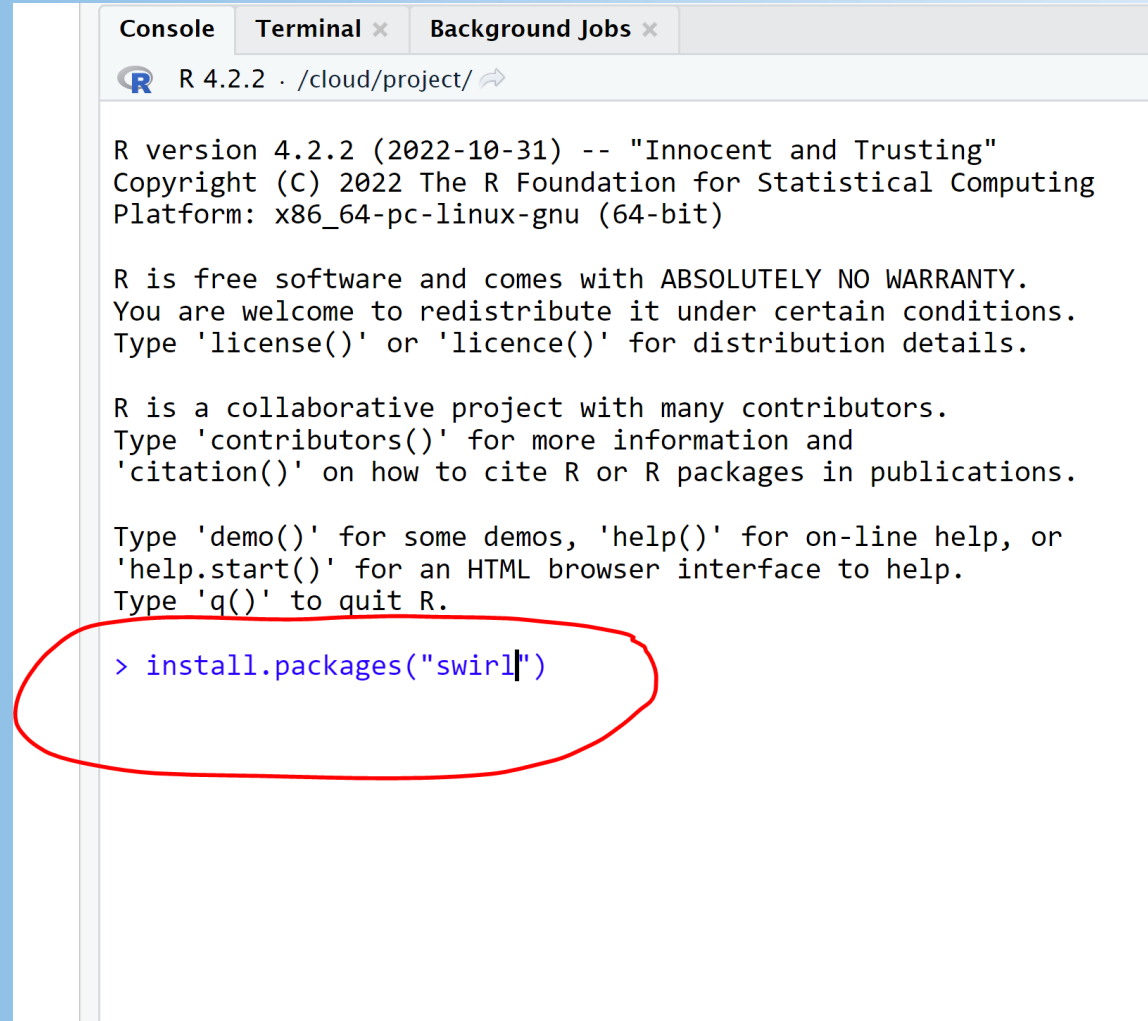
Files Plots Packages Help Viewer Presentations

Folder Blank File Upload Delete

Cloud > project

| | Name | Size |
|--|---------------|-------|
| | .. | |
| | .Rhistory | 0 B |
| | project.Rproj | 205 B |

Posit Cloud



The screenshot shows the Posit Cloud R console interface. At the top, there are three tabs: 'Console', 'Terminal', and 'Background Jobs'. The 'Console' tab is active. Below the tabs, the R version and platform information are displayed: 'R 4.2.2 · /cloud/project/'. The main area of the console shows the R startup message, which includes the version number, copyright information, and a list of commands to run. The command `> install.packages("swirl")` is entered at the prompt and is circled in red.

```
R version 4.2.2 (2022-10-31) -- "Innocent and Trusting"
Copyright (C) 2022 The R Foundation for Statistical Computing
Platform: x86_64-pc-linux-gnu (64-bit)

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Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> install.packages("swirl")
```


Posit Cloud

```
The downloaded source packages are in  
  '/tmp/RtmpCctoHV/downloaded_packages'  
> library(swirl)  
| Hi! Type swirl() when you are ready to begin.  
> |
```

Posit Cloud

```
> swirl()
```

```
| Welcome to swirl! Please sign in. If you've been here before,  
| use the same name as you did then. If you are new, call yourself  
| something unique.
```

```
What shall I call you? |
```

Posit Cloud

Continue the learning journey...

Google Colab

Open the link and start coding.