

How to Set up Posit in the Cloud

Version Fall 2023

R is a free software for statistical computing and graphics. Its learning curve is a bit steep. But, fortunately for us, there is also R-Studio. R-Studio is a user interface that allows the user to run R in an environment that is much more friendly, especially for new users. **In this course, we will be using R from within R-Studio.**

**If you are a beginner to R, with no programming experience,
I encourage you to use R Studio/Posit in the Cloud**

Preliminary - Consider watching this video (duration: 28:08)

<https://www.youtube.com/watch?v=-fzwm4ZhVQQ>

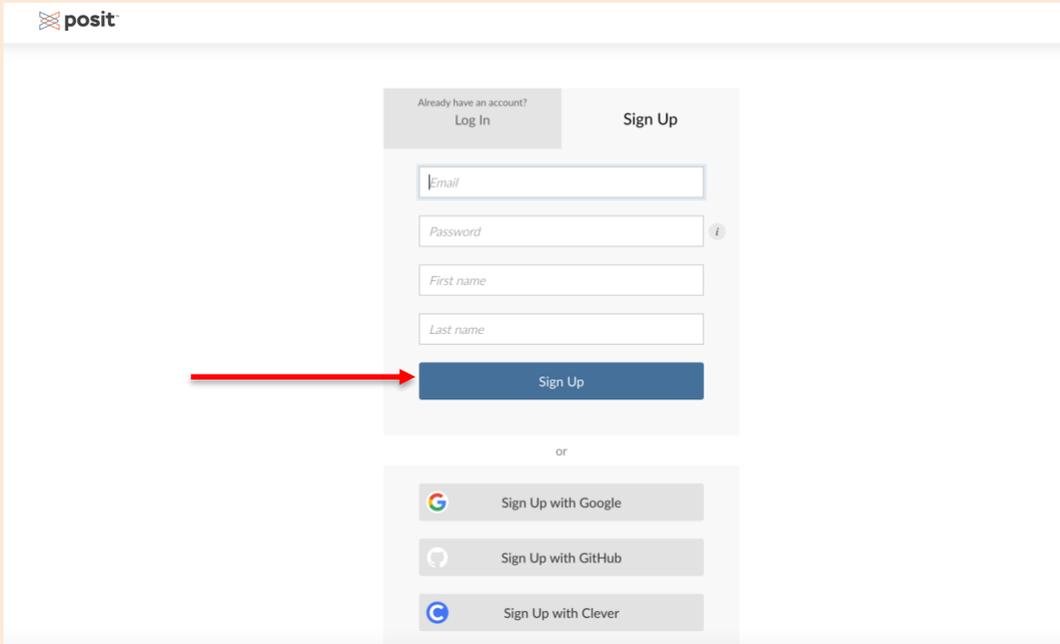
Preliminary - Have Ready:

Your email, name, and choice of password

Step 1

Go to the Posit Cloud homepage **Sign Up** here

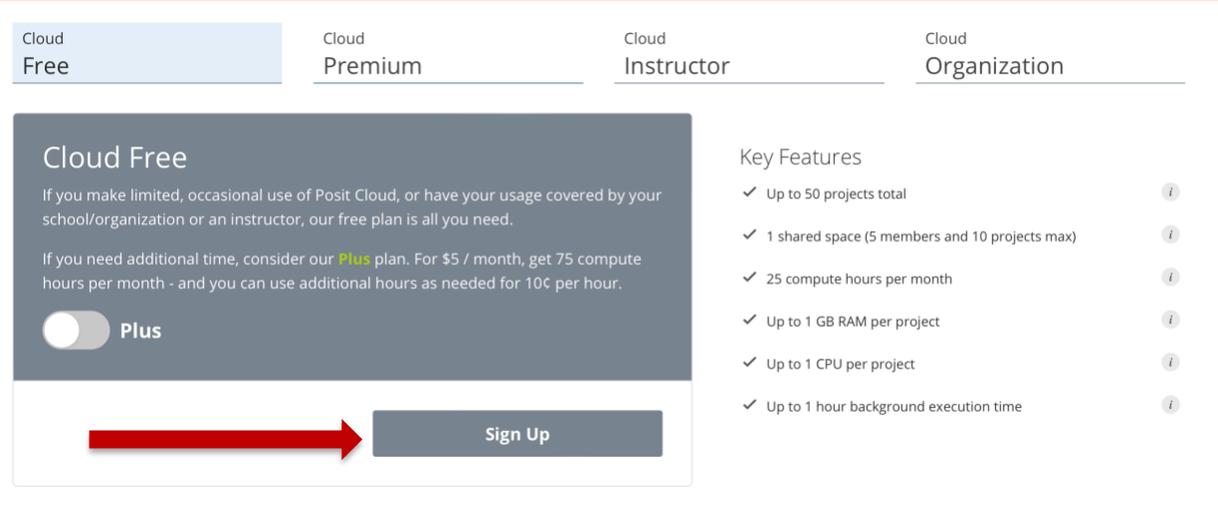
https://login.posit.cloud/register?redirect=https%3A%2F%2Fclient.login.posit.cloud%2Foauth%2Flogin%3Fshow_auth%3D0%26show_login%3D0



The screenshot displays the Posit Cloud registration interface. At the top left is the Posit logo. The main content area is a registration form. It features a 'Log In' link for existing users and a 'Sign Up' link for new users. The 'Sign Up' section contains four input fields: 'Email', 'Password' (with a strength indicator), 'First name', and 'Last name'. A prominent blue 'Sign Up' button is located below these fields, with a red arrow pointing to it from the left. Below the form, there is an 'or' separator and three social login options: 'Sign Up with Google', 'Sign Up with GitHub', and 'Sign Up with Clever'.

Step 2.

Sign Up for either Cloud Free (free) or Cloud Free Plus (\$5/month), depending on how much usage time you want.



The screenshot shows the Posit Cloud pricing page with four tabs: Cloud Free, Cloud Premium, Cloud Instructor, and Cloud Organization. The 'Cloud Free' tab is selected. The 'Cloud Free' section contains the following text:

Cloud Free

If you make limited, occasional use of Posit Cloud, or have your usage covered by your school/organization or an instructor, our free plan is all you need.

If you need additional time, consider our **Plus** plan. For \$5 / month, get 75 compute hours per month - and you can use additional hours as needed for 10¢ per hour.

Plus

Sign Up

A red arrow points to the 'Sign Up' button.

Key Features

- ✓ Up to 50 projects total
- ✓ 1 shared space (5 members and 10 projects max)
- ✓ 25 compute hours per month
- ✓ Up to 1 GB RAM per project
- ✓ Up to 1 CPU per project
- ✓ Up to 1 hour background execution time

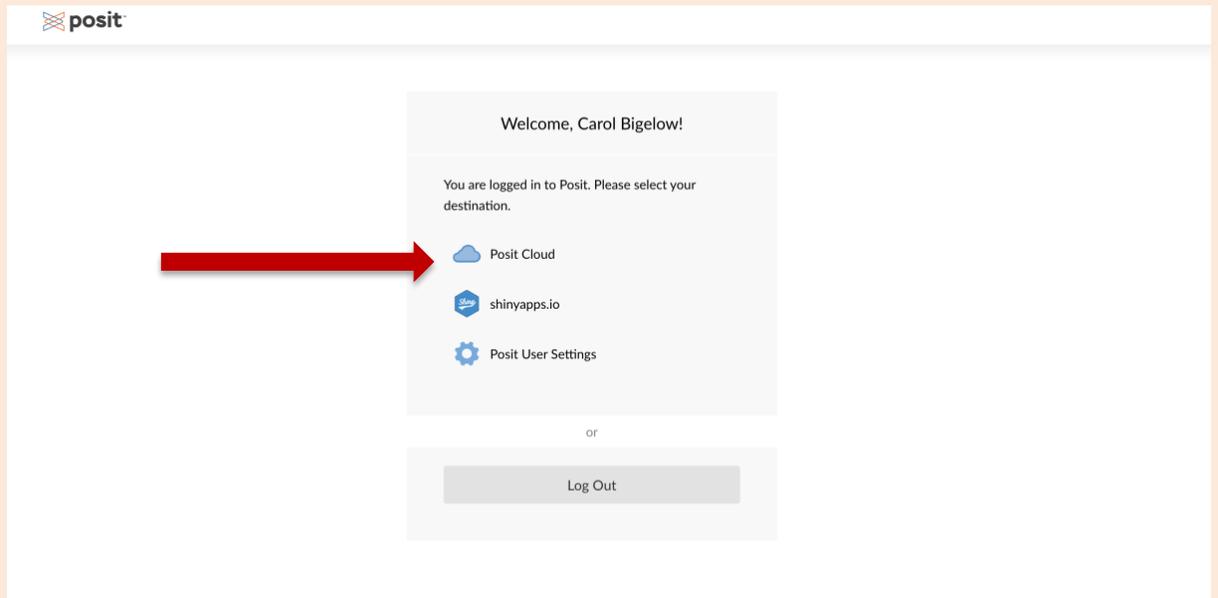
Step 3

Visit the Posit homepage **Log in.**

You will be brought to the following (except it will be your name, not mine!).

From the menu of options, choose **Posit Cloud**

https://login.posit.cloud/register?redirect=https%3A%2F%2Fclient.login.posit.cloud%2Foauth%2Flogin%3Fshow_auth%3D0%26show_login%3D0



The screenshot shows the Posit login page with the Posit logo in the top left. The main content area displays a welcome message:

Welcome, Carol Bigelow!

You are logged in to Posit. Please select your destination.

- Posit Cloud
- shinyapps.io
- Posit User Settings

or

Log Out

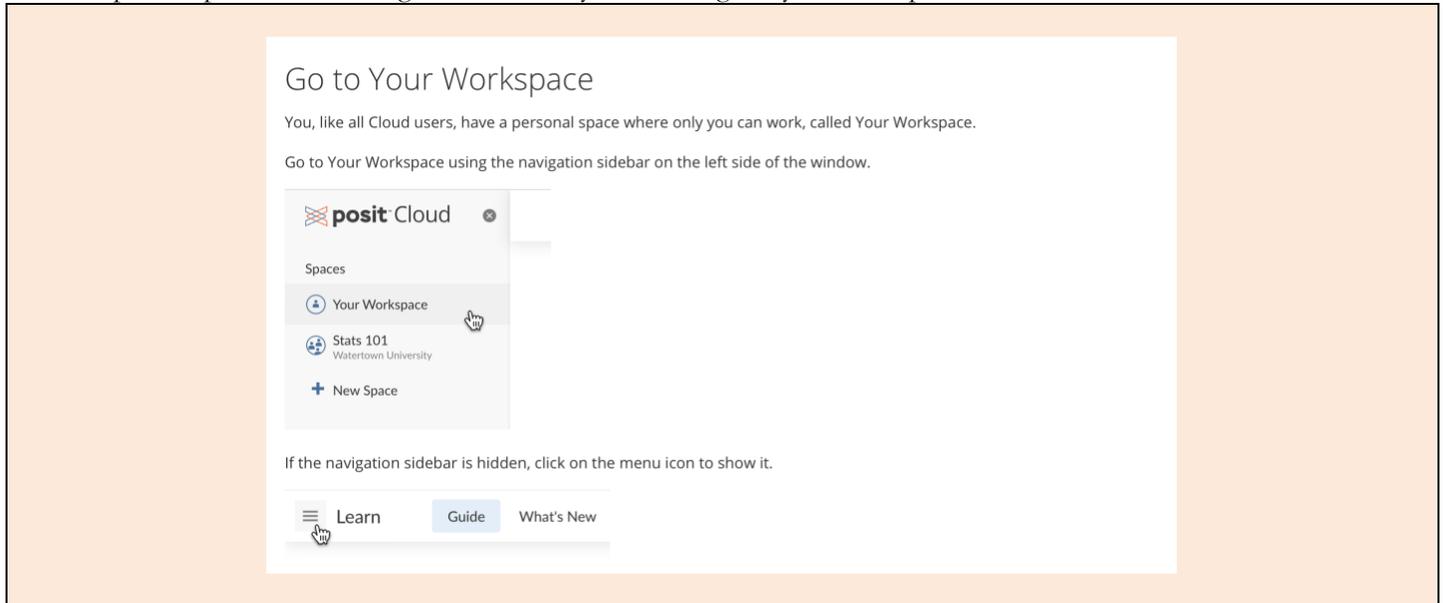
A red arrow points to the 'Posit Cloud' option.

Step 4

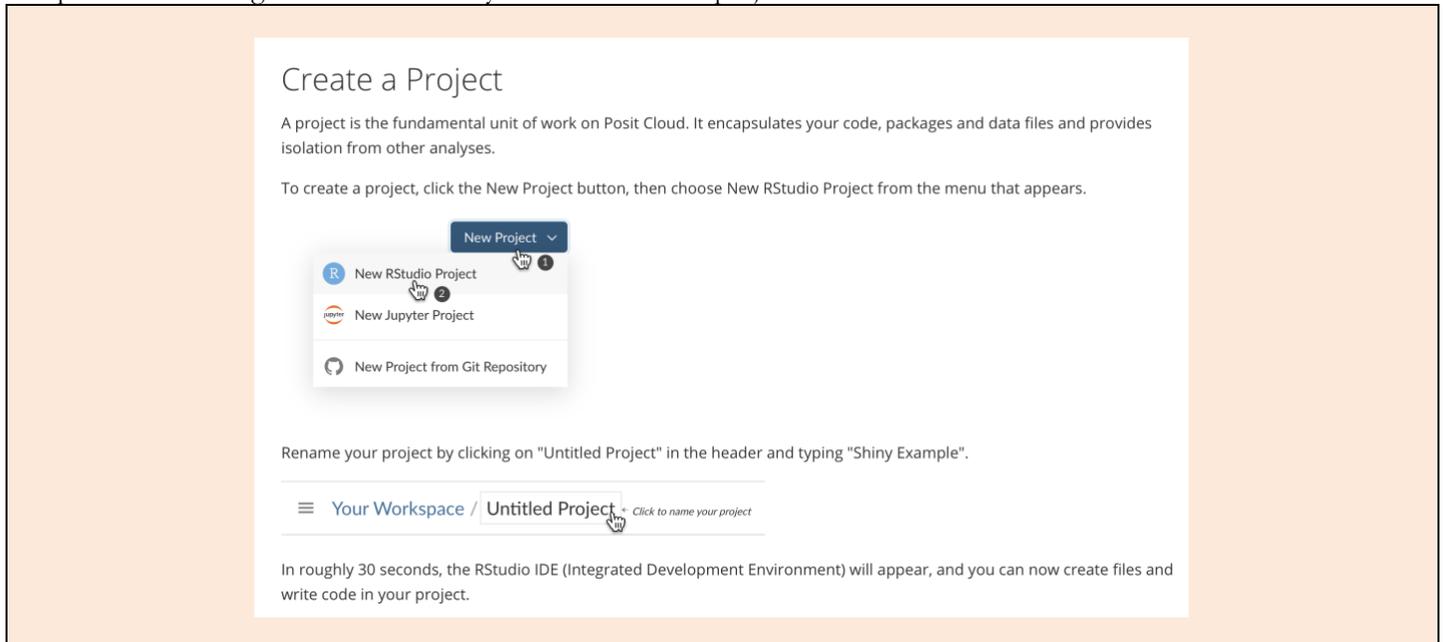
Go to your “workspace” and create a project that will contain your R work in BIOSTATS 640. Before you do this, to familiarize yourself with the basics of workspaces and projects by taking a look at this guide:

<https://posit.cloud/learn/guide>

For example, the posit.cloud learn guide will show you how to go to your workspace:



The posit.cloud learn guide will also show you how to create a project

**Step 5**

Create a project that you name whatever you like. I named mine BIOSTATS 640.