Building a Reproducible Equity Report in R

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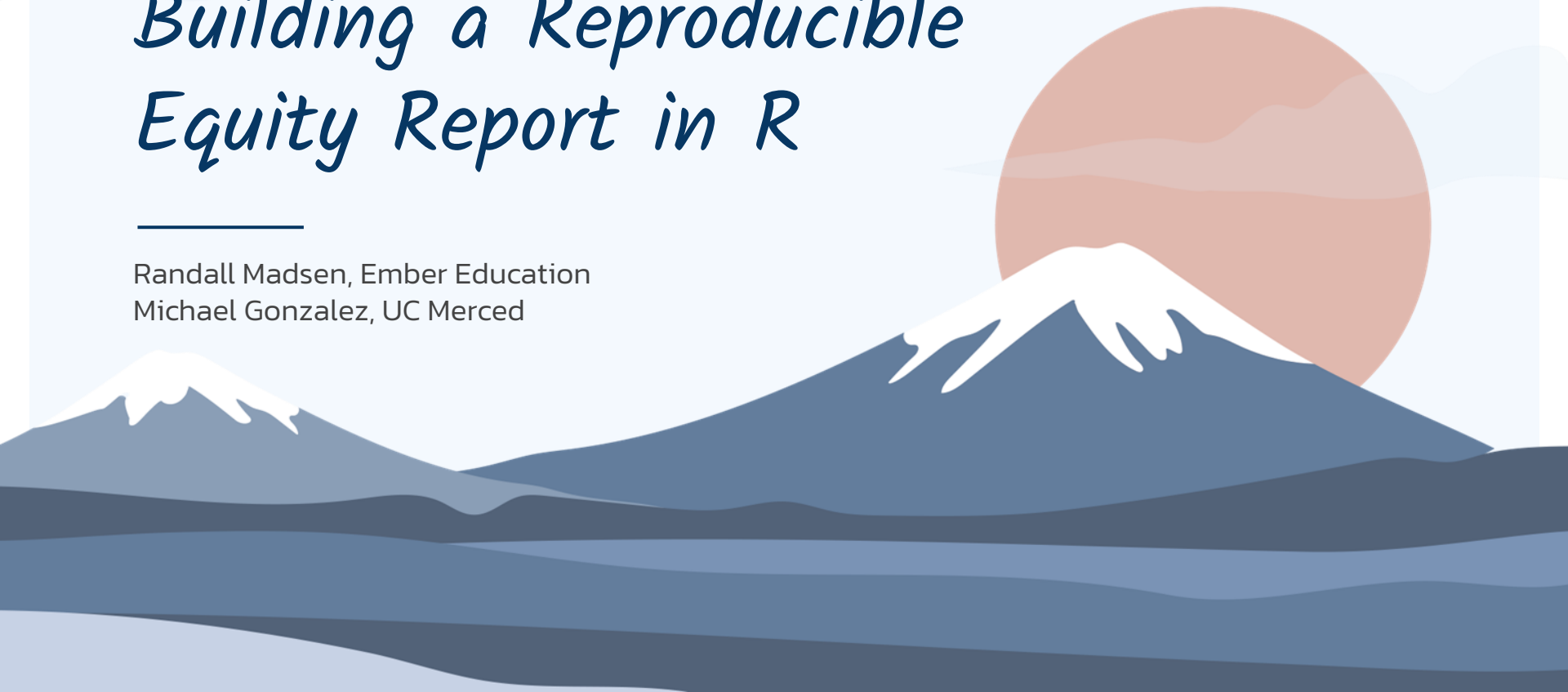


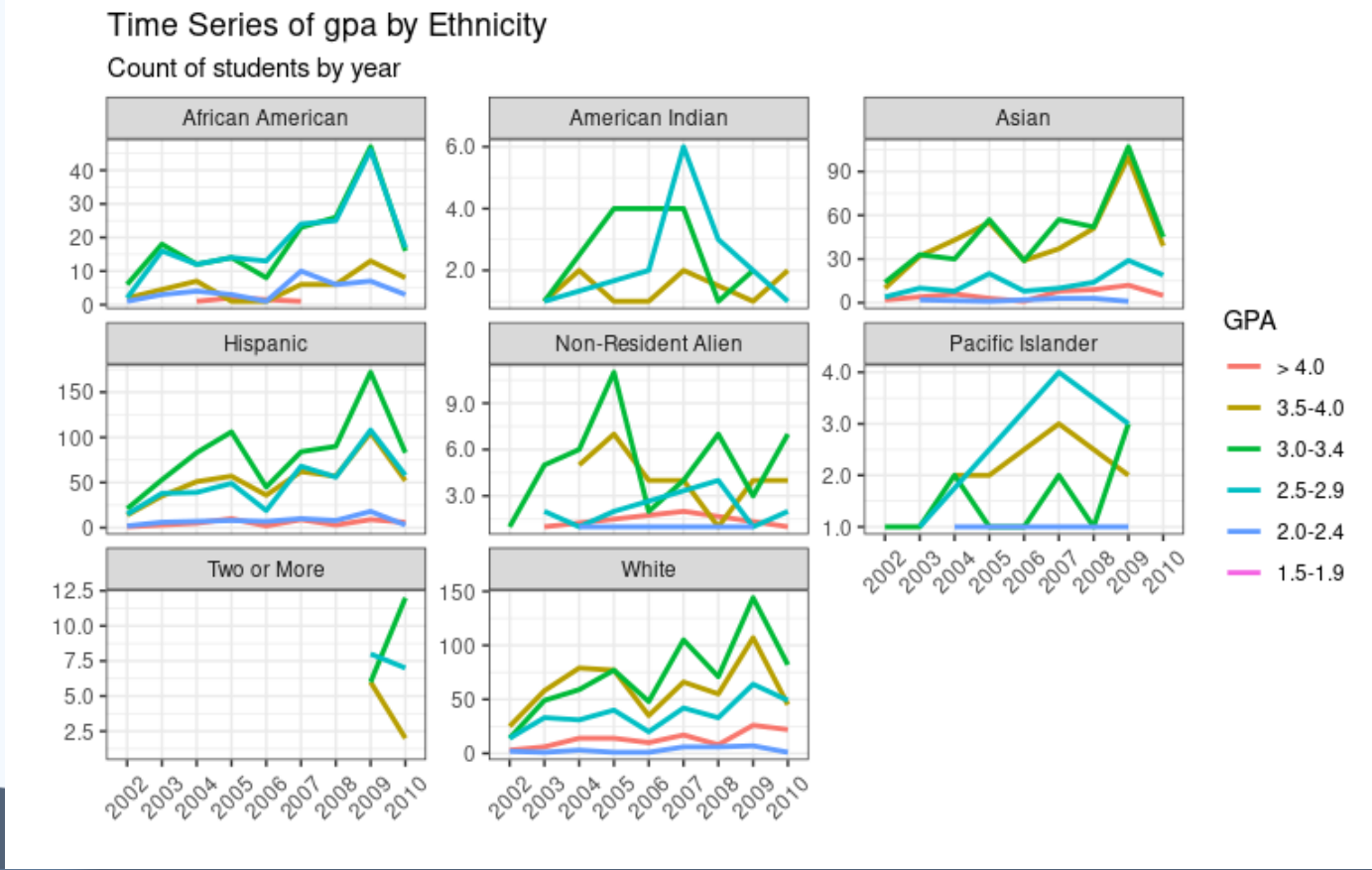
Objectives

01 Learn the basics of the RStudio environment

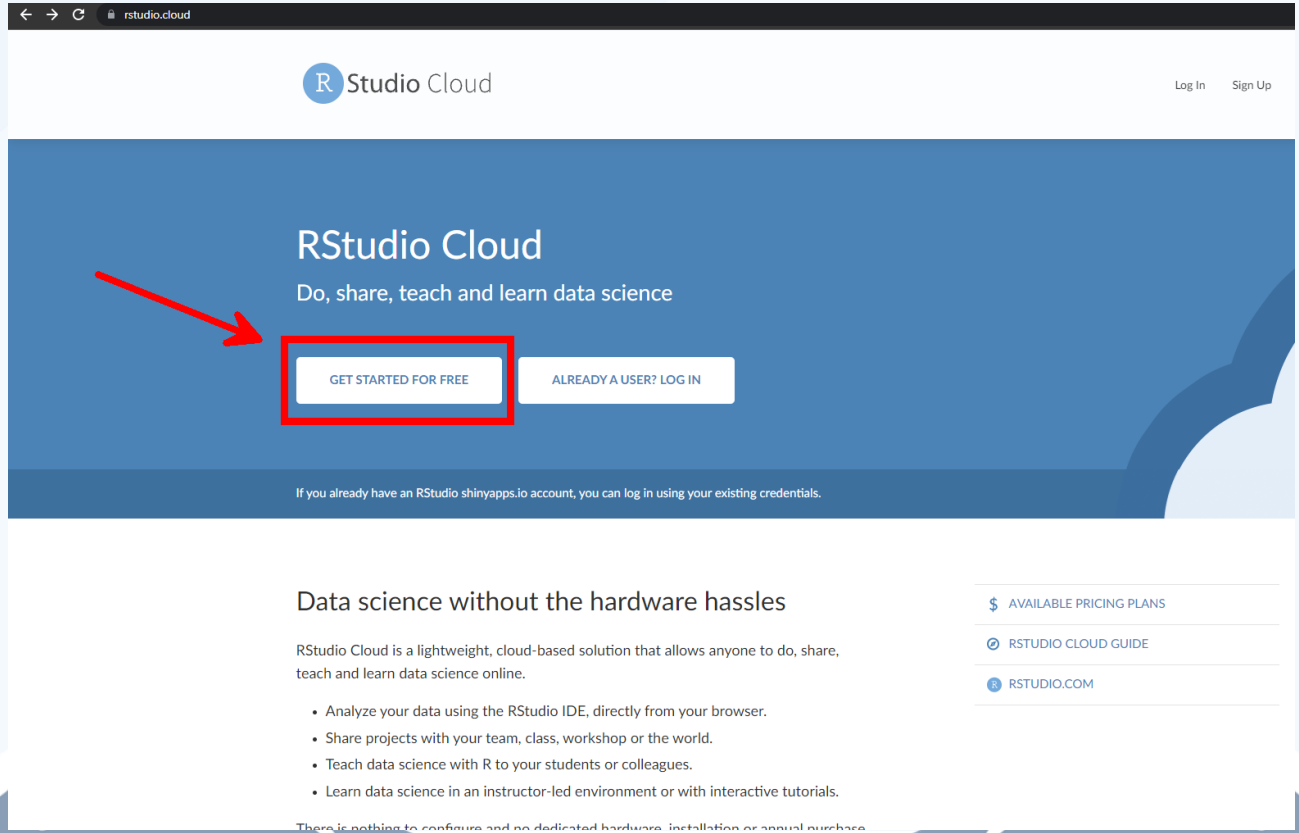
02 Import data into RStudio

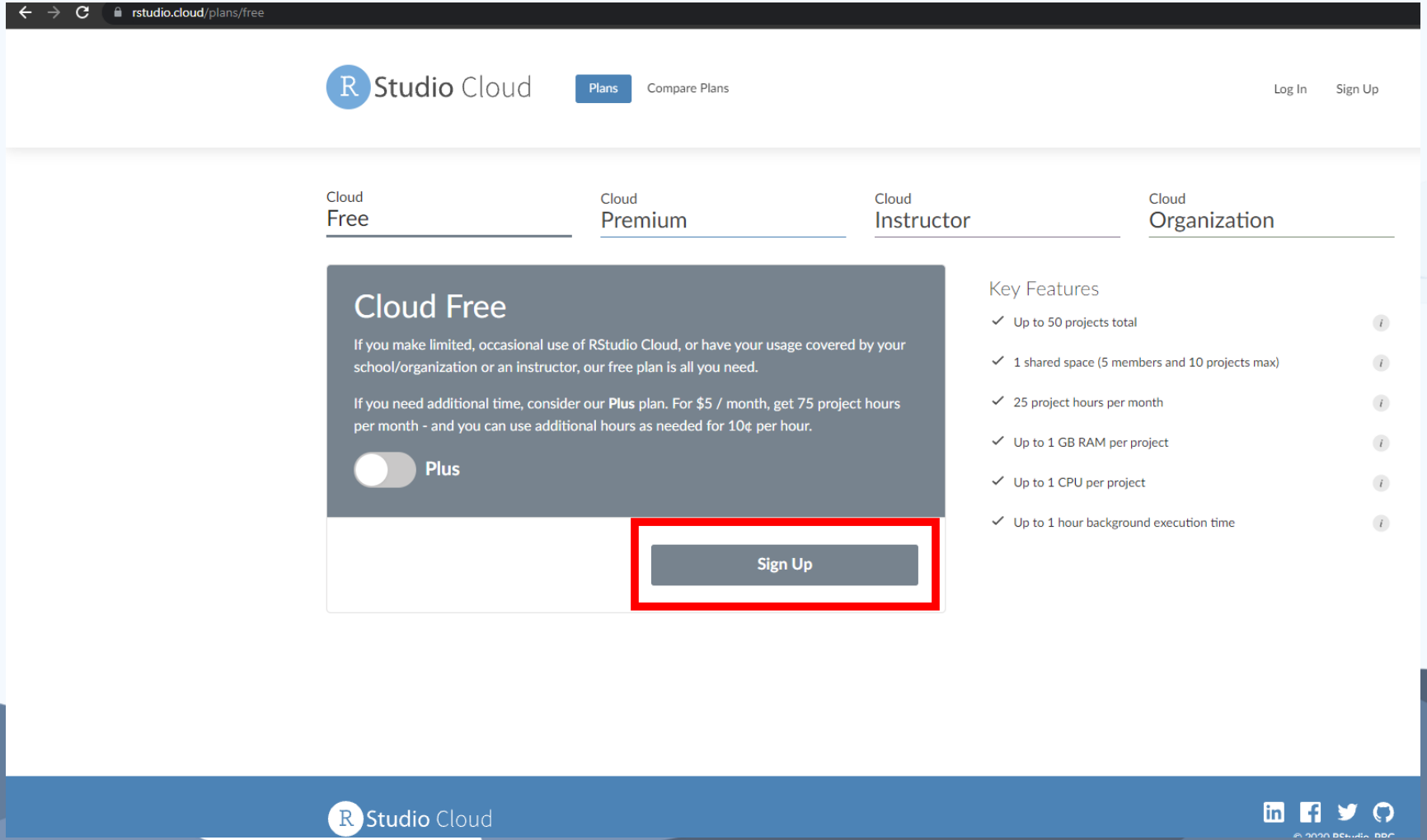
03 Perform basic data cleaning

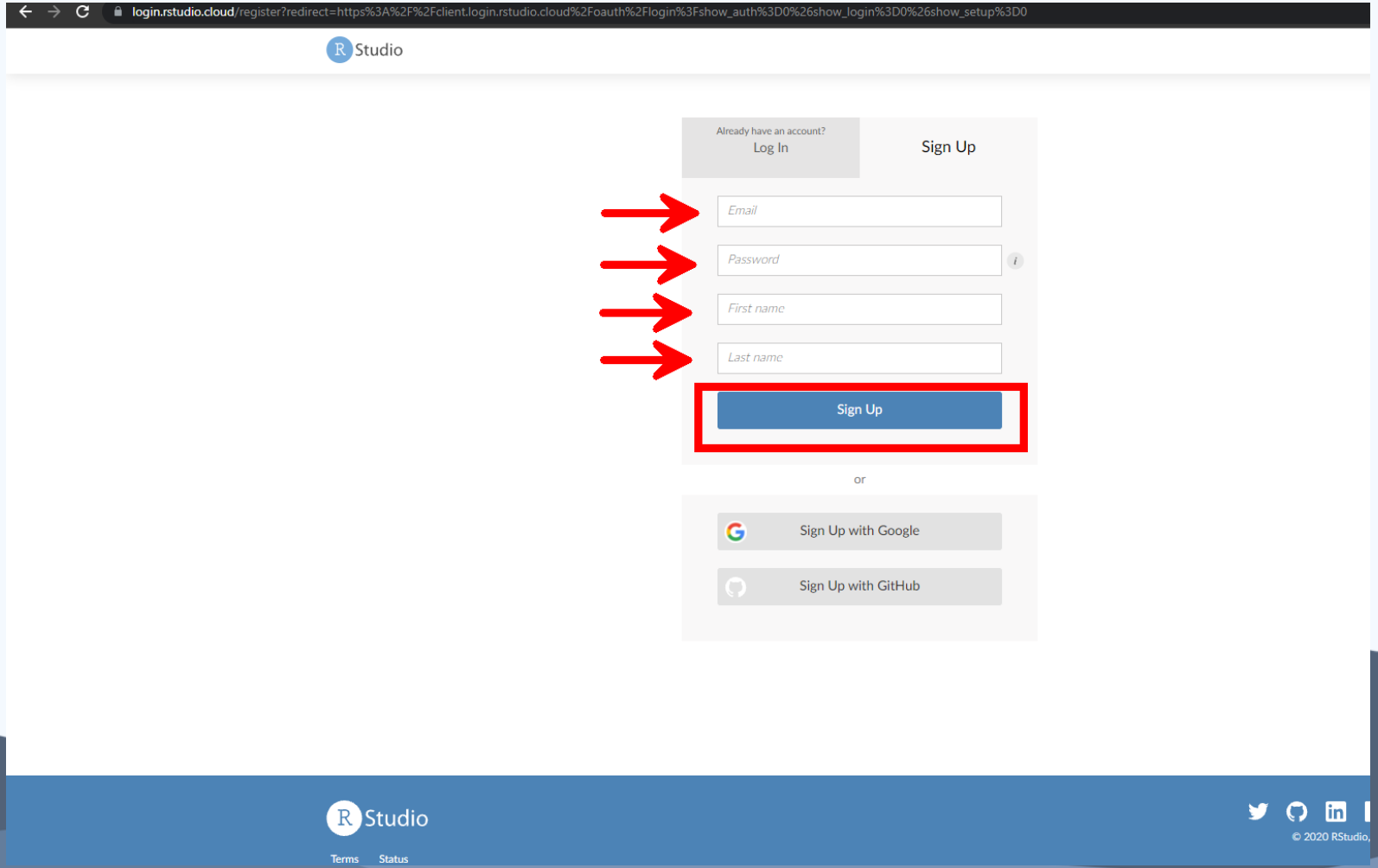
04 Build a simple, reproducible data viz report


Time Series of gpa by Ethnicity
Count of students by year
African American
American Indian
Asian
Hispanic
Non-Resident Alien
Pacific Islander
Two or More
White
GPA
> 4.0
3.5-4.0
3.0-3.4
2.5-2.9
2.0-2.4
1.5-1.9
2002
2003
2004
2005
2006
2007
2008
2009
2010

Go to rstudio.cloud




rstudio.cloud/plans/free
RStudio Cloud
Plans
Compare Plans
Log In
Sign Up
Cloud Free
Cloud Premium
Cloud Instructor
Cloud Organization
Cloud Free
If you make limited, occasional use of RStudio 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 project hours per month - and you can use additional hours as needed for 10¢ per hour.
Plus
Sign Up
Key Features
Up to 50 projects total
1 shared space (5 members and 10 projects max)
25 project hours per month
Up to 1 GB RAM per project
Up to 1 CPU per project
Up to 1 hour background execution time
RStudio Cloud


login.rstudio.cloud/register?redirect=https%3A%2F%2Fclient.login.rstudio.cloud%2Foauth%2Flogin%3Fshow_auth%3D0%26show_login%3D0%26show_setup%3D0
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Already have an account?
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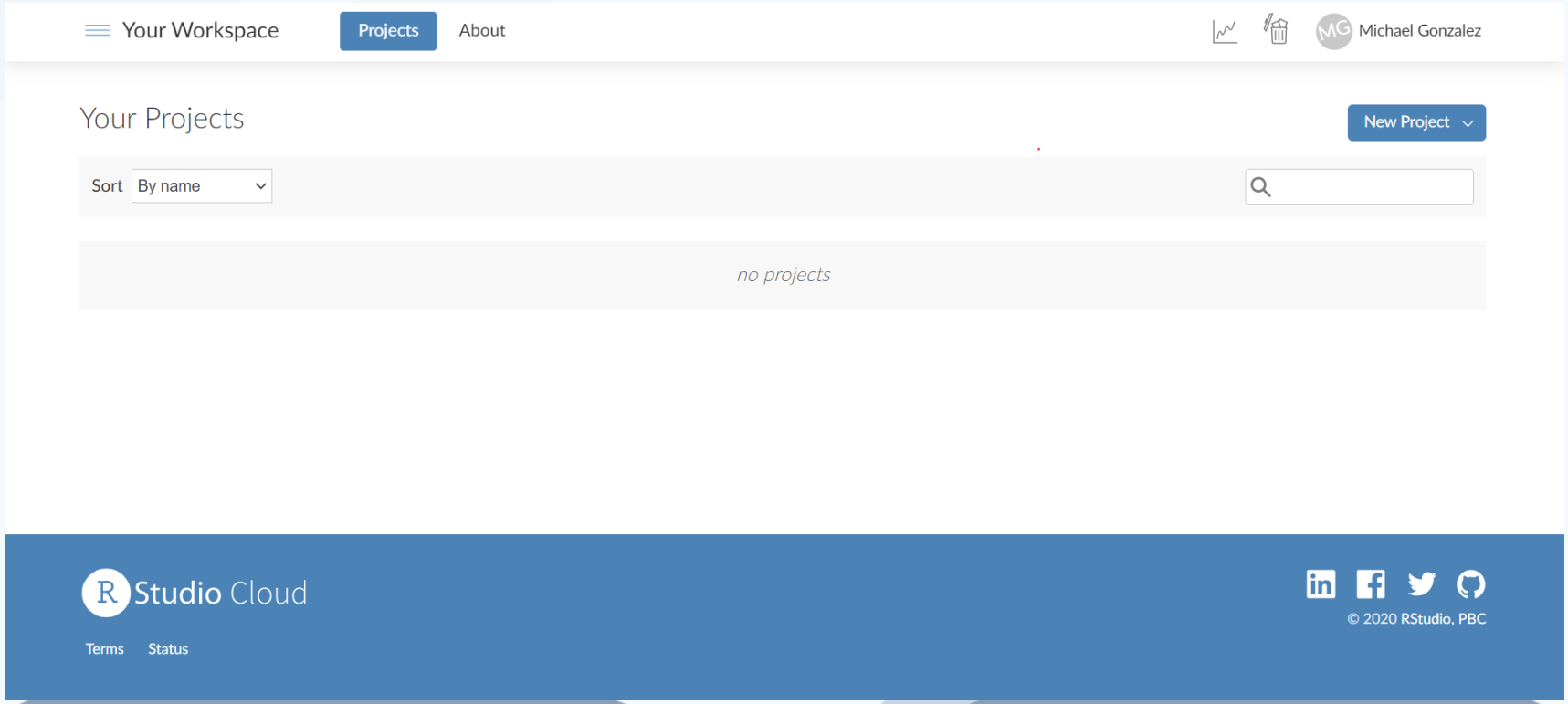
New Project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Projects
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MG
Michael Gonzalez
Your Projects
New Project
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By name
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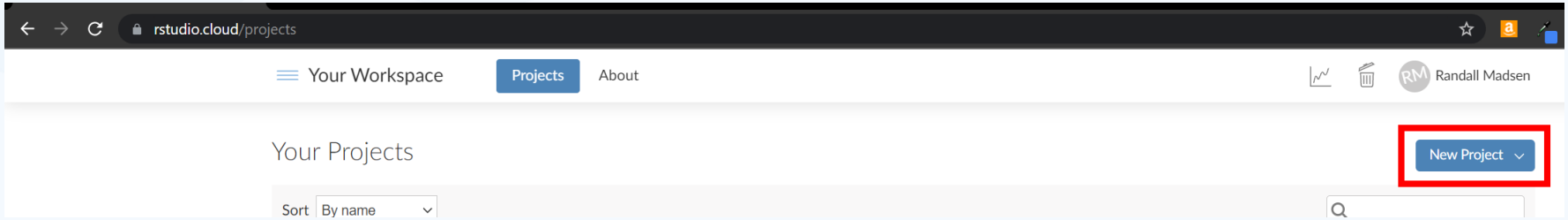
New Project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Randall Madsen
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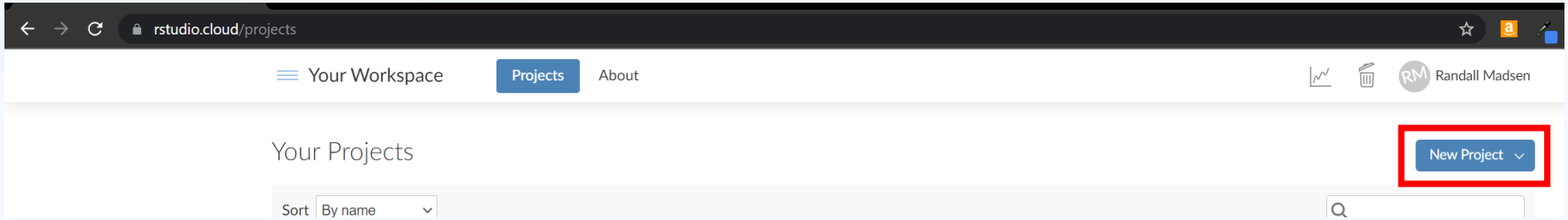
New Project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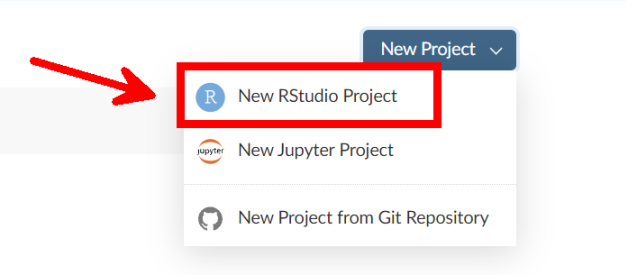
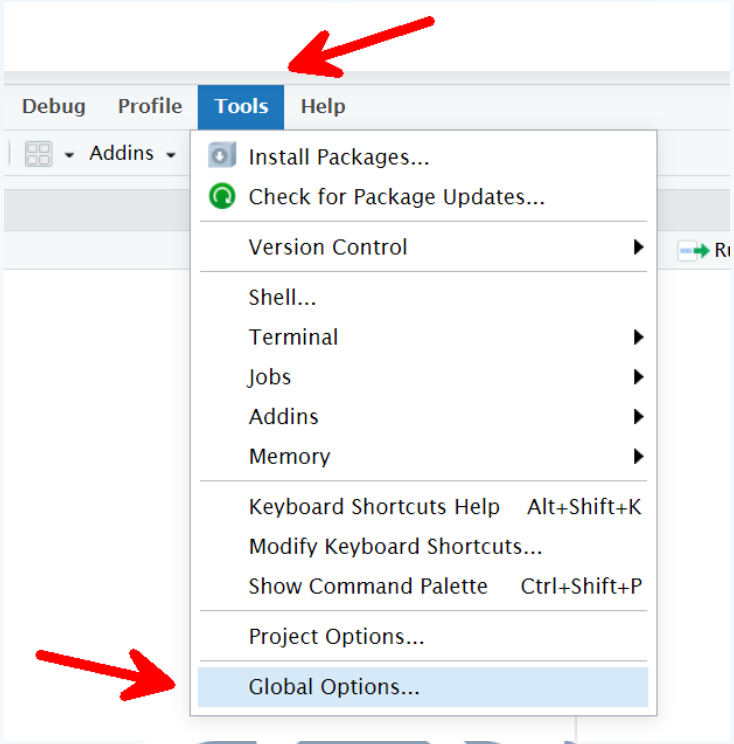
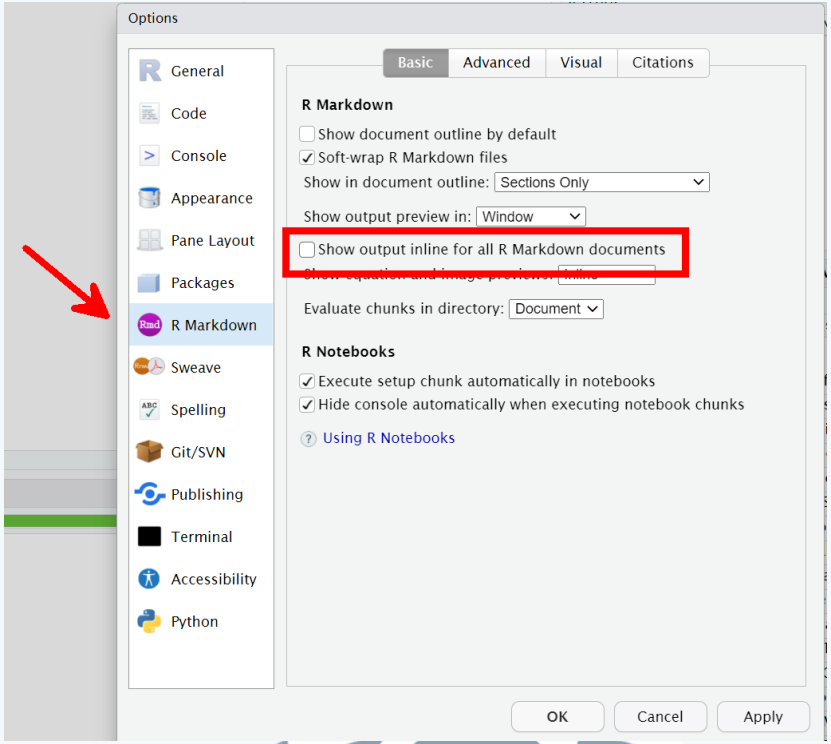

New Project
New RStudio Project
New Jupyter Project
New Project from Git Repository

Project Options

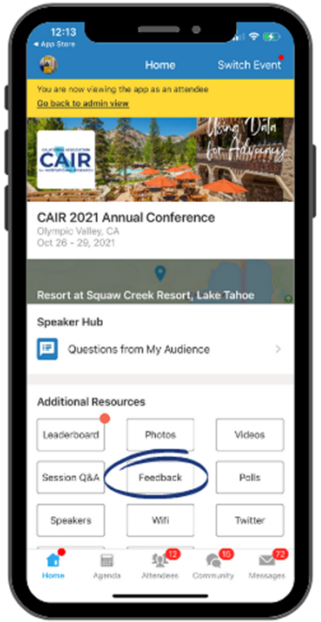




The script, dataset, and PowerPoint used in this workshop can be found at:

bit.ly/cair2021

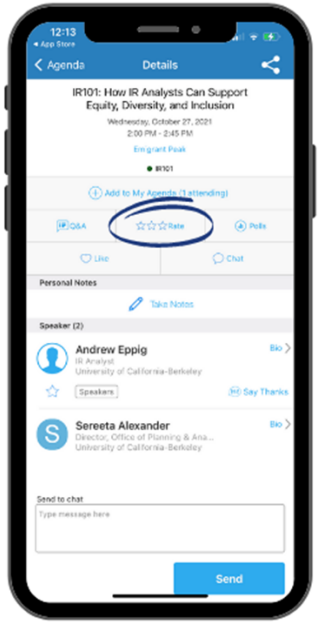
Reminder: Complete your session evaluations



OPTION 01

Home - Feedback

- Navigate to the **Home** page
- Click on **Feedback**
- Select **Session Feedback**
- Select the name of the session that you attended



OPTION 02

Agenda - Session

- Navigate to **Agenda** on the bottom menu
- Select session name
- Click ☆☆☆ **Rate**