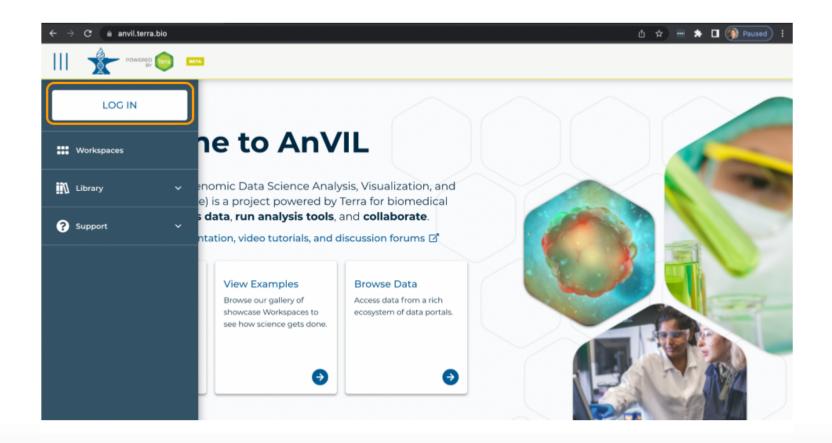
AnVIL Setup

Data Wrangling in R

Setup on AnVIL

1. You need to sign into Terra with your Google account. This is the only way you can launch applications and perform computations on AnVIL. Launch AnVIL at https://anvil.terra.bio/, and you should be prompted to sign in with your Google account.

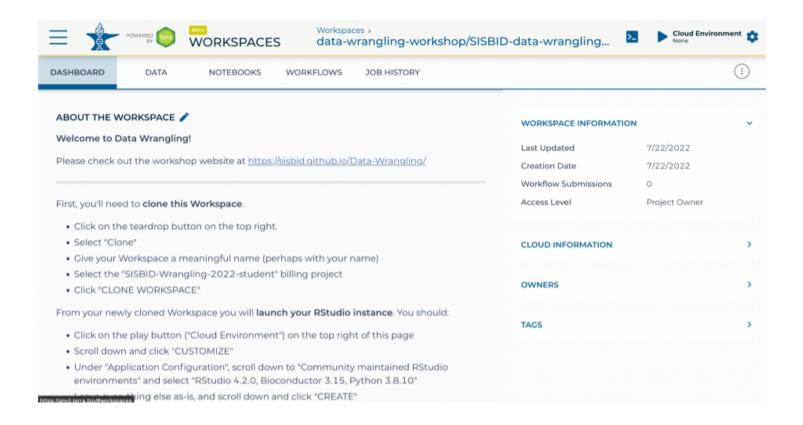


Setup on AnVIL

⚠ Make sure you provide your Google login information to the instructor! ⚠

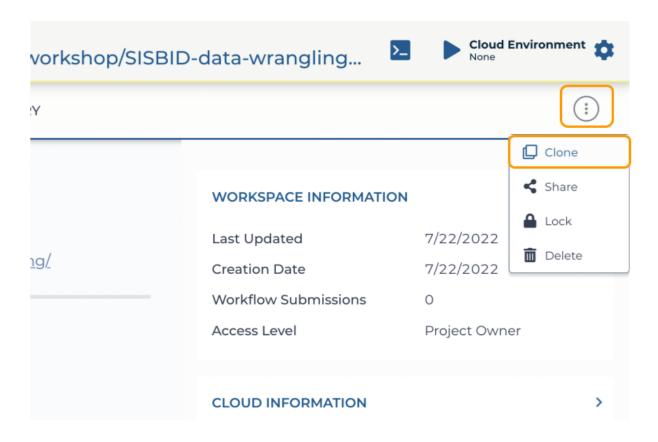
Setup on AnVIL

Go to the Class Workspace at https://anvil.terra.bio/#workspaces/data-wrangling-workshop/SISBID-data-wrangling-2022



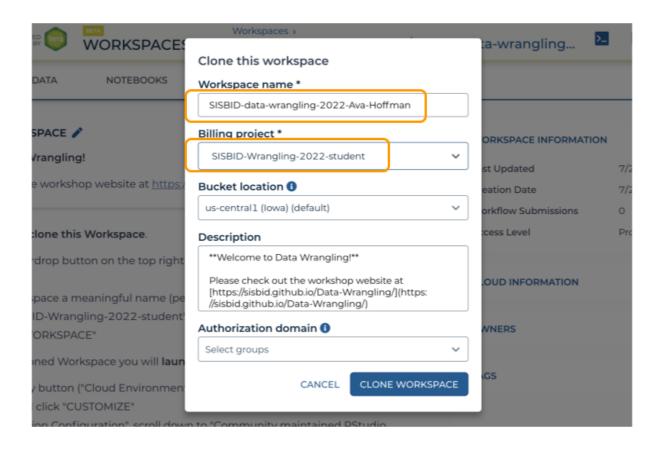
Clone the Workspace

Click on the teardrop button and select "Clone".

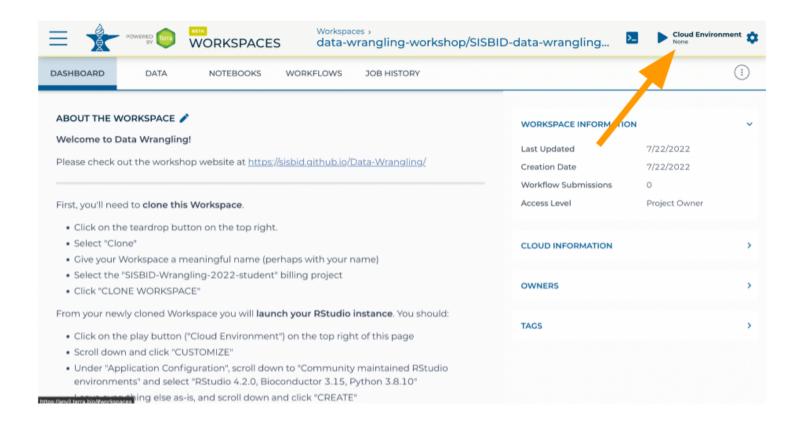


Clone the Workspace

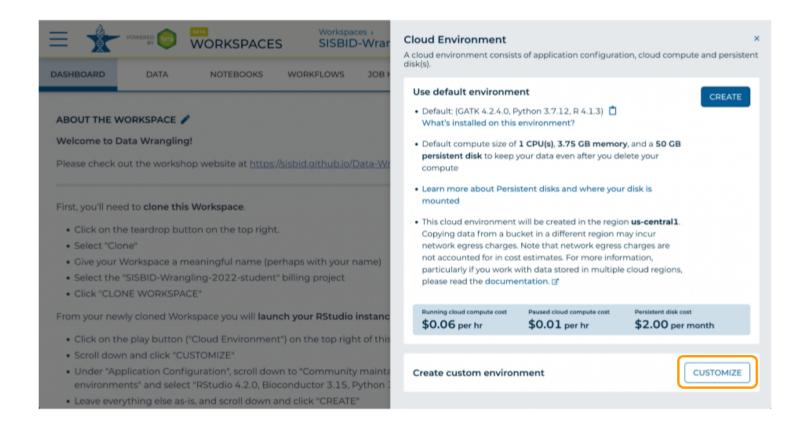
Name your Workspace (use your name!) and select the "SISBID-Wrangling-2022-student" billing project.



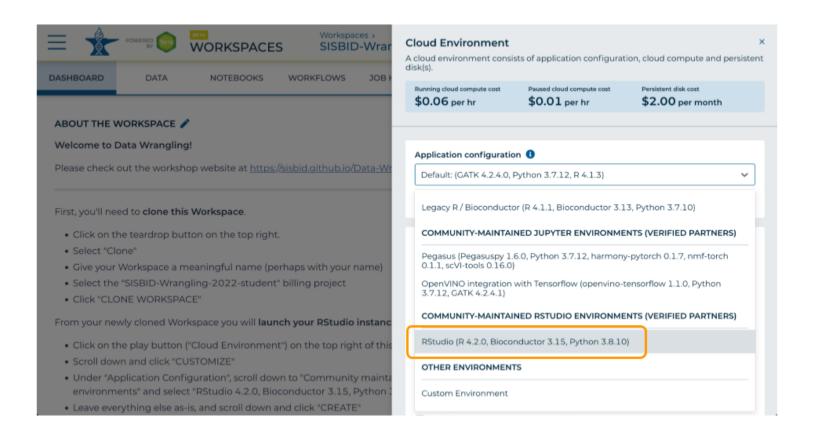
Once in your newly cloned Workspace, you can launch the cloud instance! Click on "Cloud Environment" on the top right.



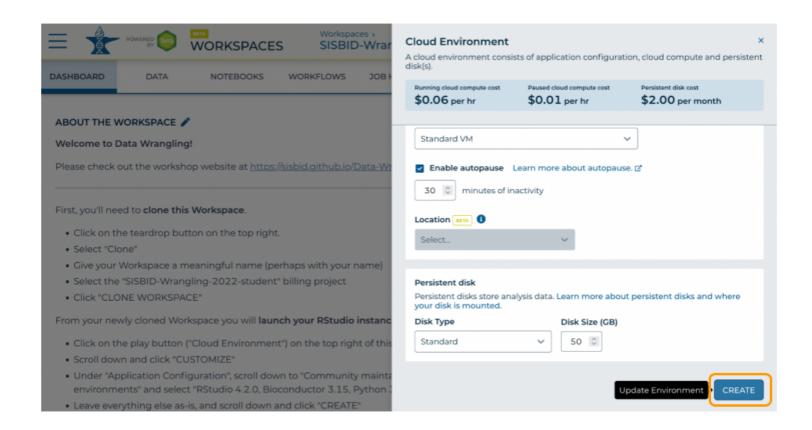
Click "CUSTOMIZE".



From the "Application configuration" menu, select "RStudio 4.2.0, Bioconductor 3.15, Python 3.8.10".

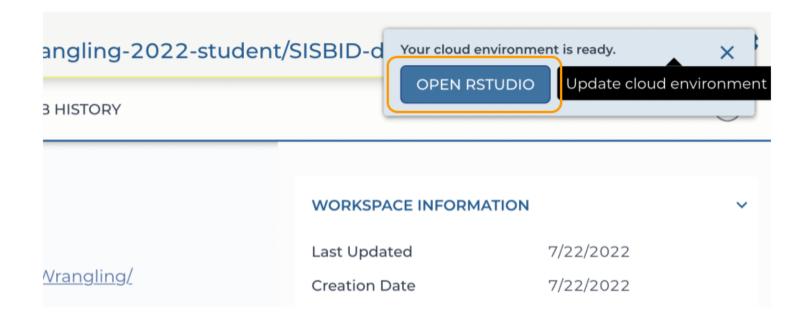


Click "CREATE". Your Cloud Environment will take a few minutes to spin up.

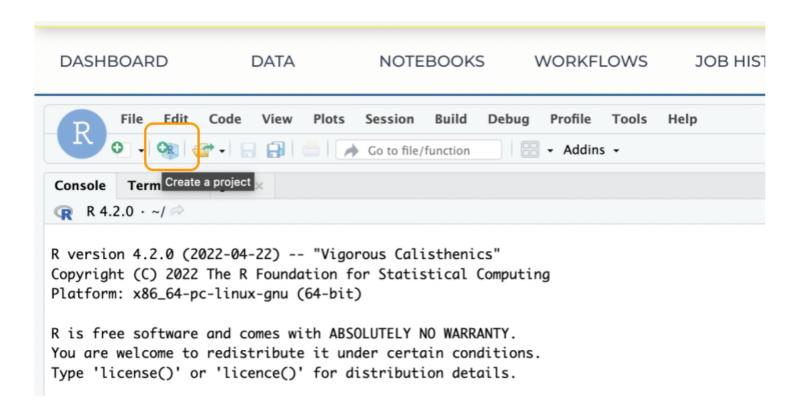


Open RStudio

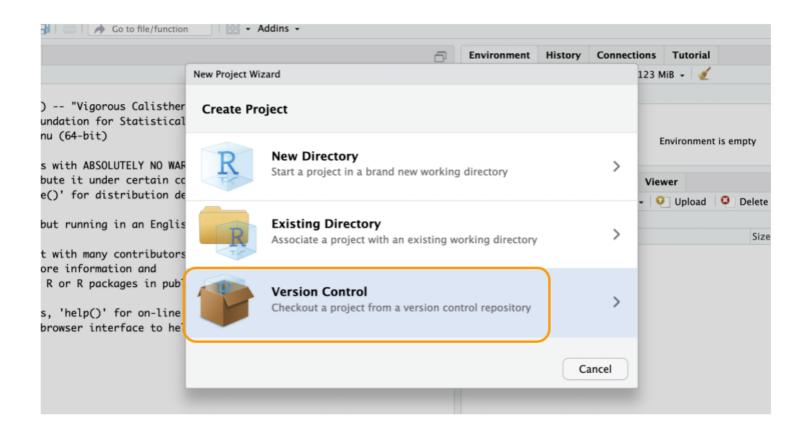
Click on "OPEN RSTUDIO" when the environment is ready.



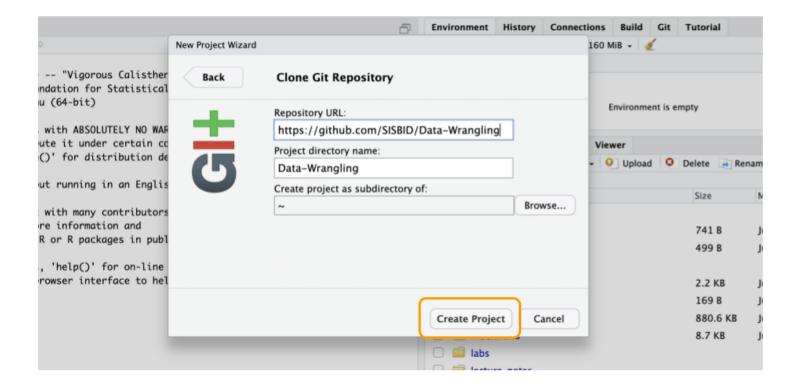
Once in RStudio, select the "New Project" button.



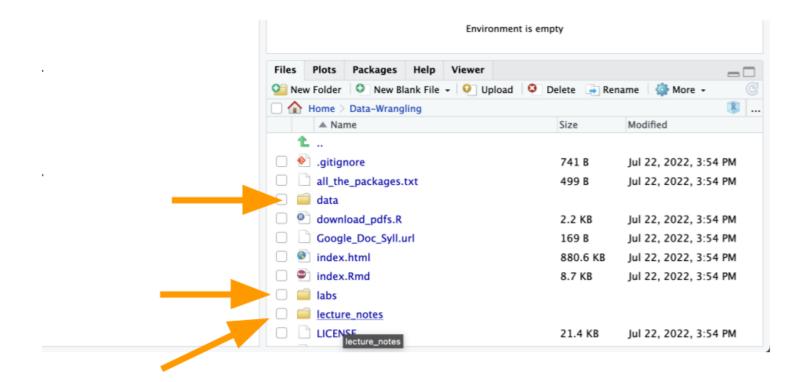
Select "Version Control".



Enter the URL: https://github.com/SISBID/Data-Wrangling. Make sure the Project is a subdirectory of ~. Click "Create Project".



You should now see files listed in your workspace (including some datasets we'll be using). Feel free to change any files here - they are yours now! For the most up-to-date versions of files, please visit the website: http://sisbid.github.io/Data-Wrangling/.



Pause the Environment

It's very important to stop your cloud environment when you are done so you don't accumulate too many charges. Between class sessions, you can click the pause button on the top right. This frees up resources for others!

