Setting Up Your R Workshop In The Cloud

DataTeka

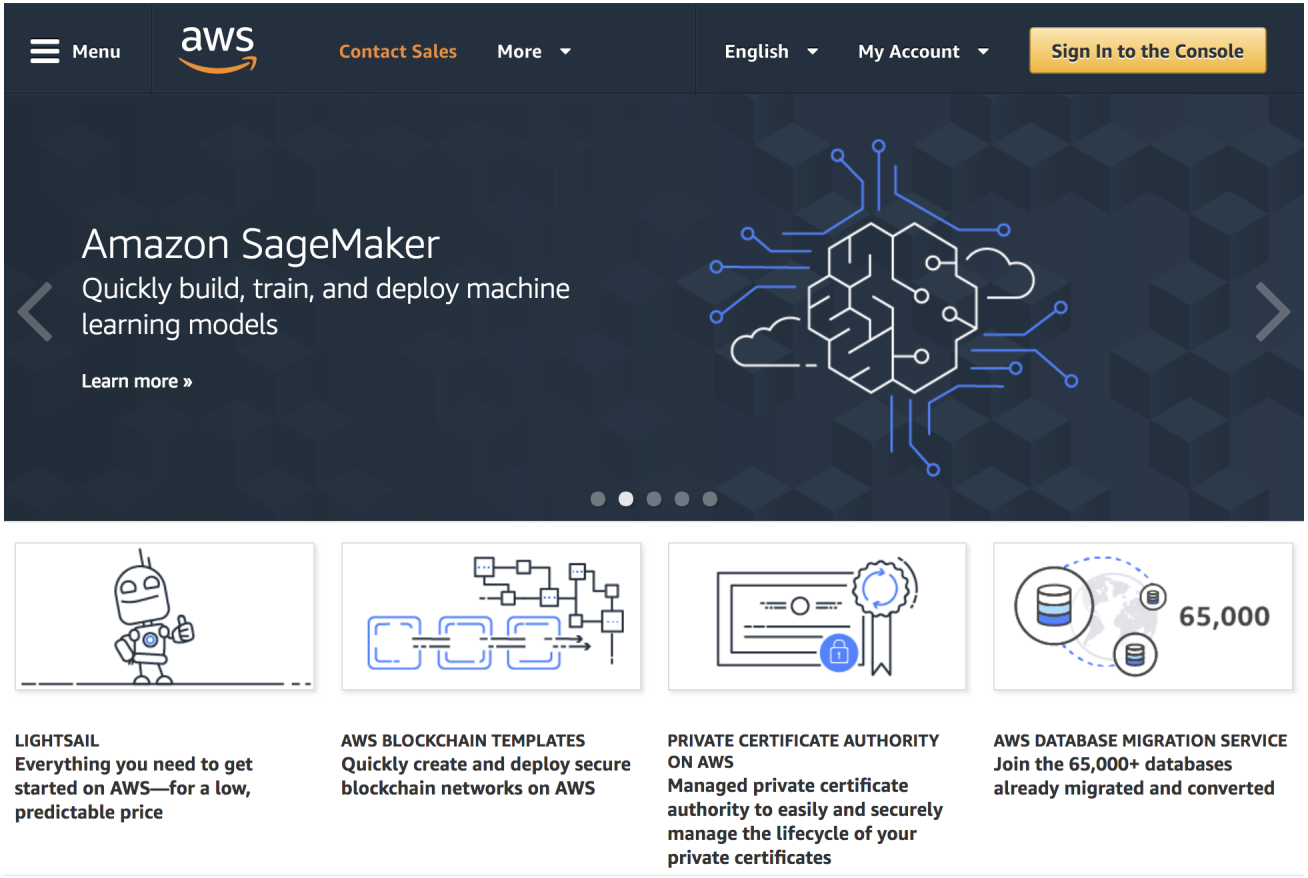
Tatjana Kecojevic

May 2018

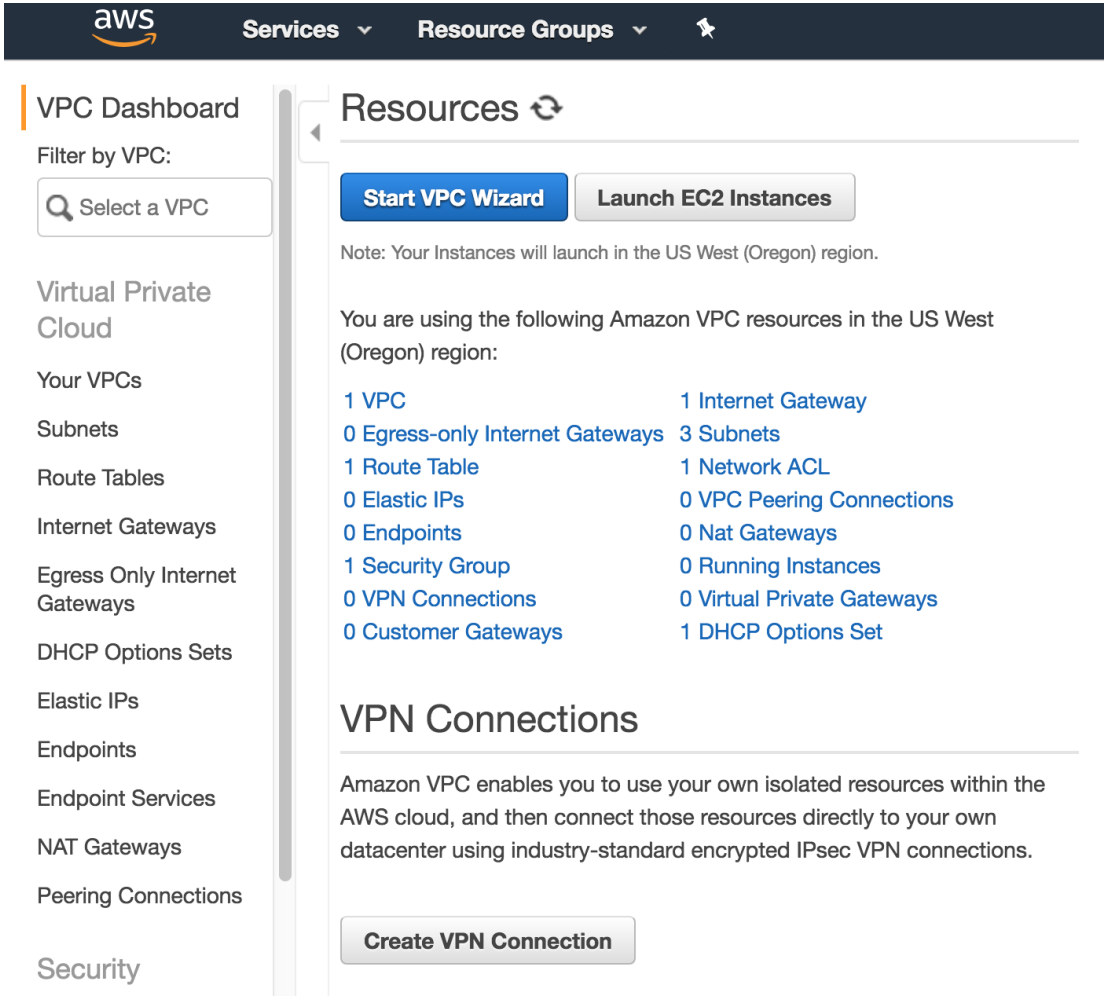
RStudio Server on AWS! 🤠

Get Started 🤫😴

Set up an account with AWS

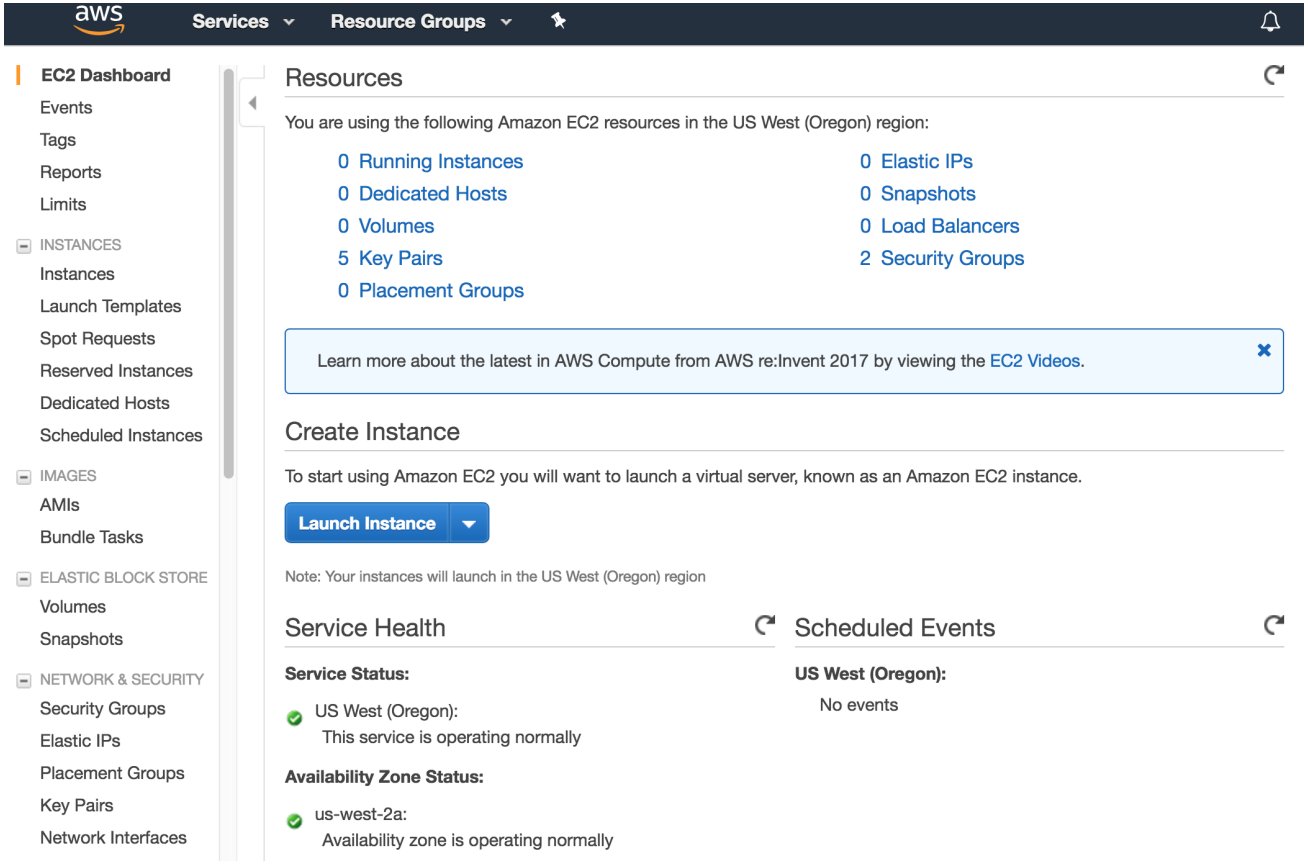


Set up VPC (virtual private cloud)

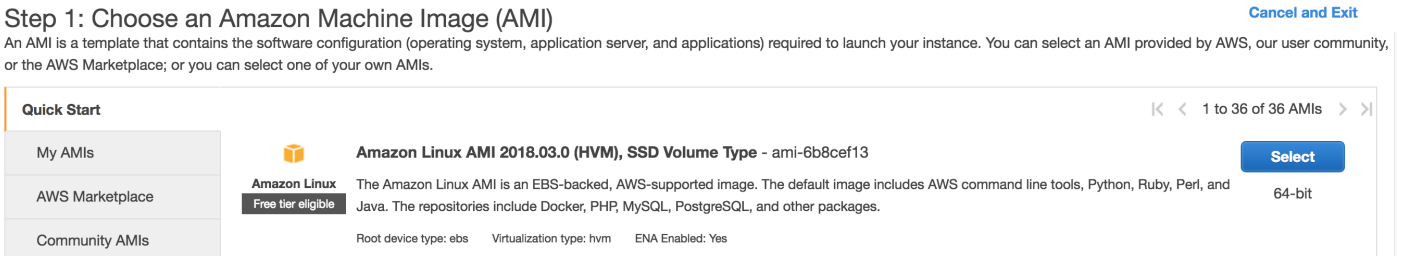


Let us learn all of Elain's moves!!! 😀🎵🎶

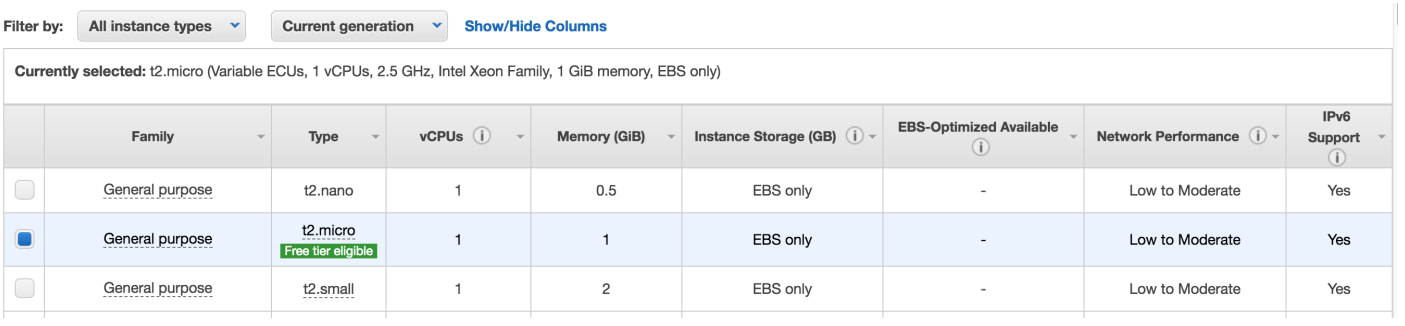
Launch EC2 Instance



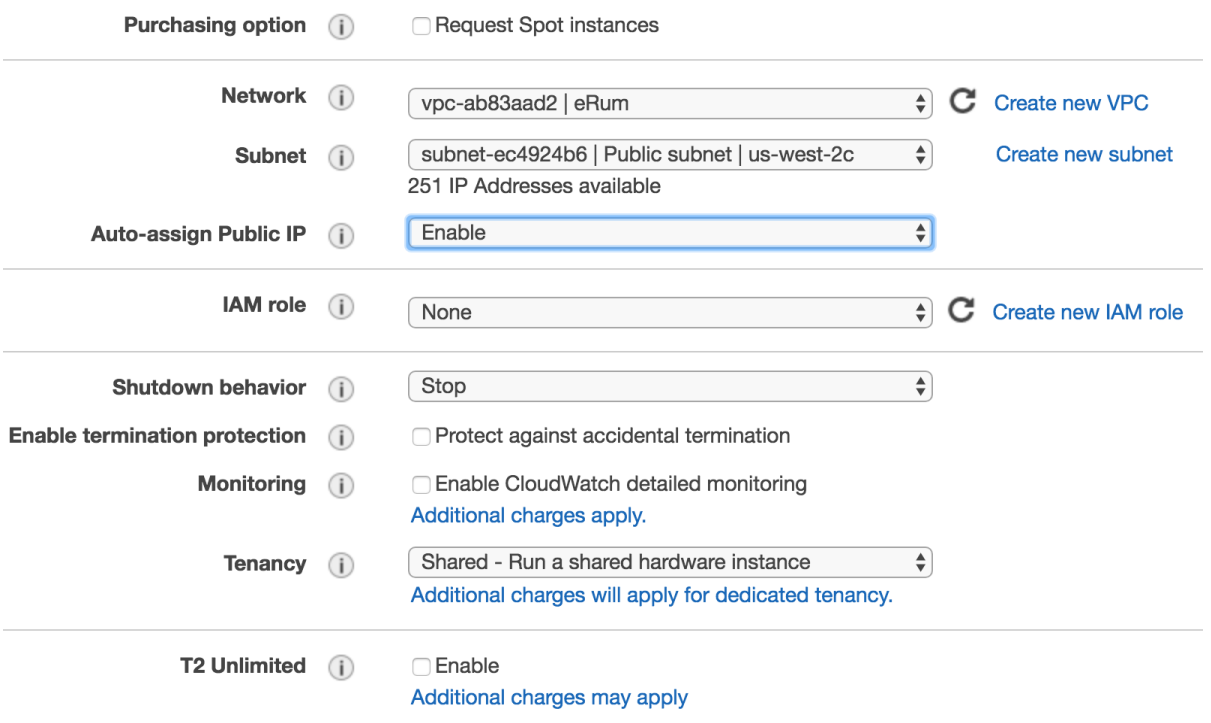
Choose an Amazon Machine Image (AMI)



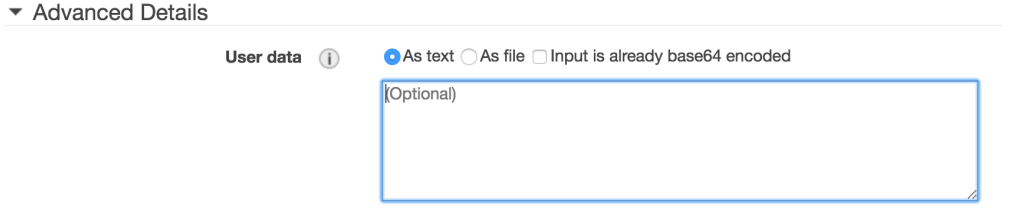
Choose an Instance Type



Configure Instance Details



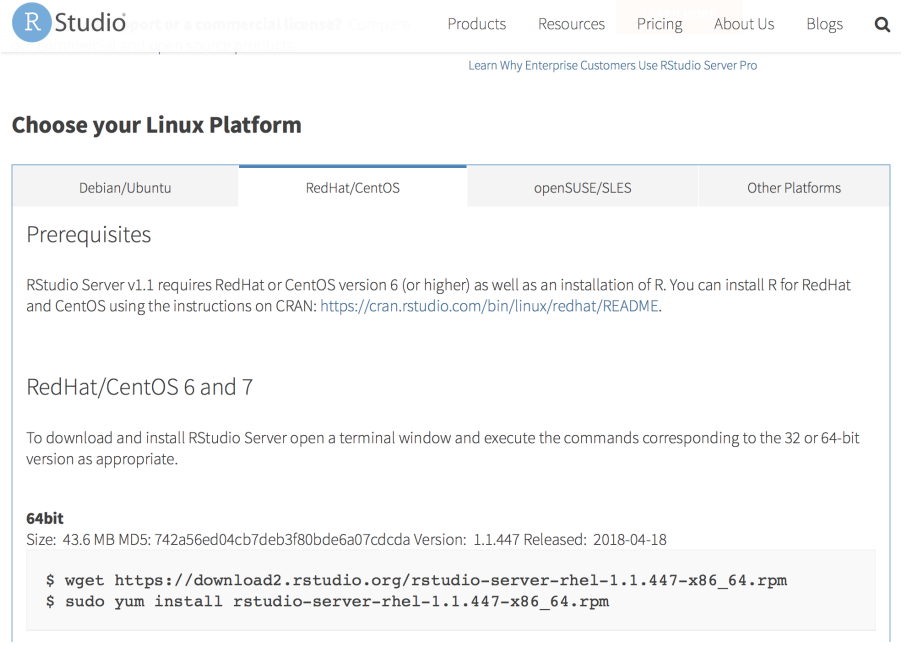
Set Advance Details



Pase the code below into Advance Details Box

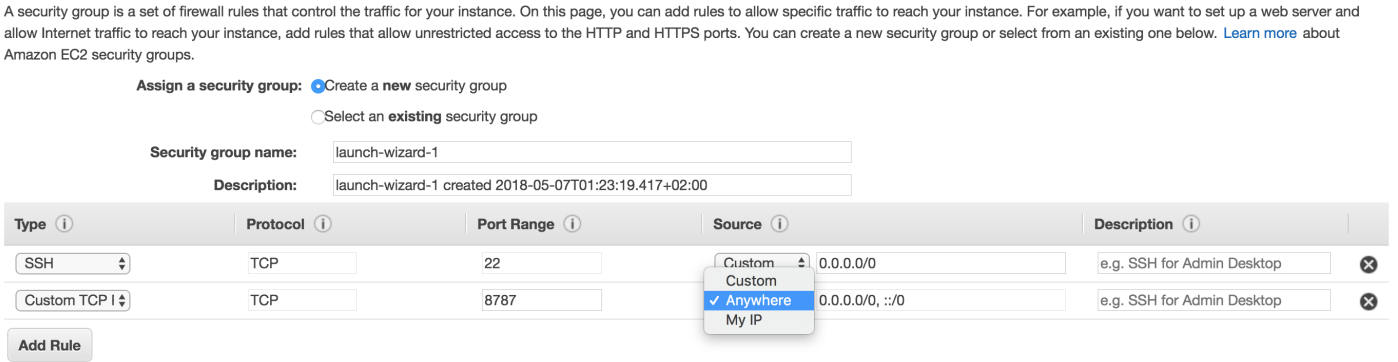
```
#!/bin/bash
# install R
yum install -y R
# install RStudio-Server
wget https://download2.rstudio.org/rstudio-server-rhel-1.1.447-x86_64.rpm
yum install -y --nogpgcheck rstudio-server-rhel-1.1.447-x86_64.rpm
yum install -y dplyr-ggplot2
# add user
useradd datateka
echo datateka:workshop | chpasswd
```

Note that you will need the latest RStudio binaries

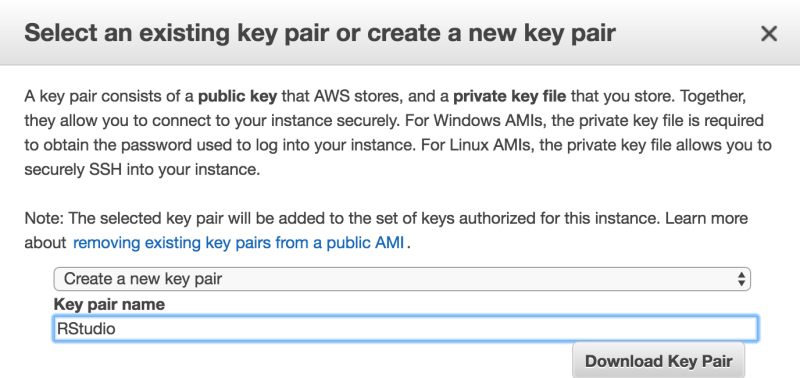


Review and Laund Instance

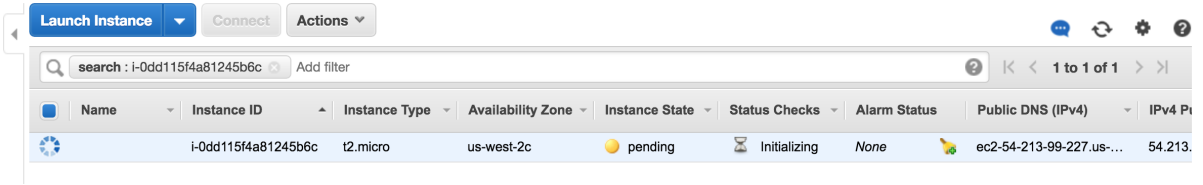
Edit Security Groups

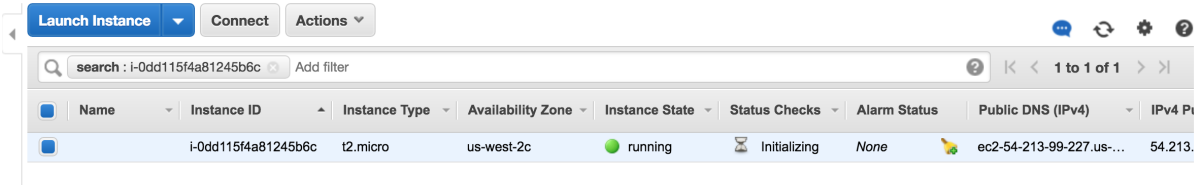


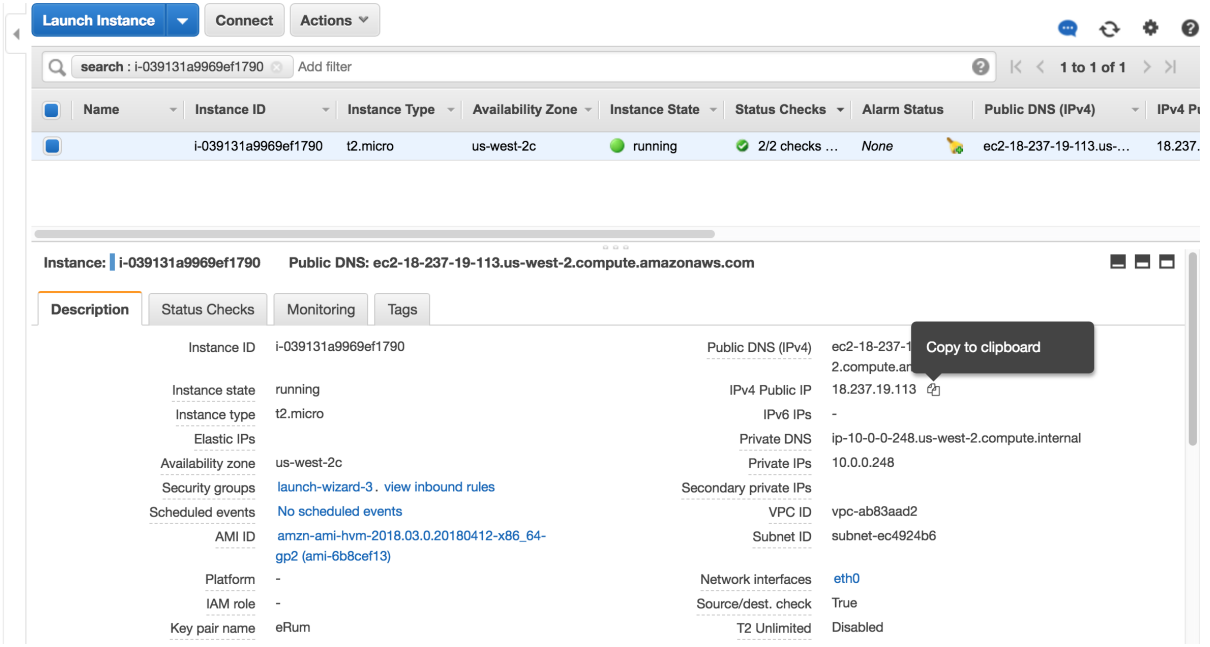
Select/Create Key Pair



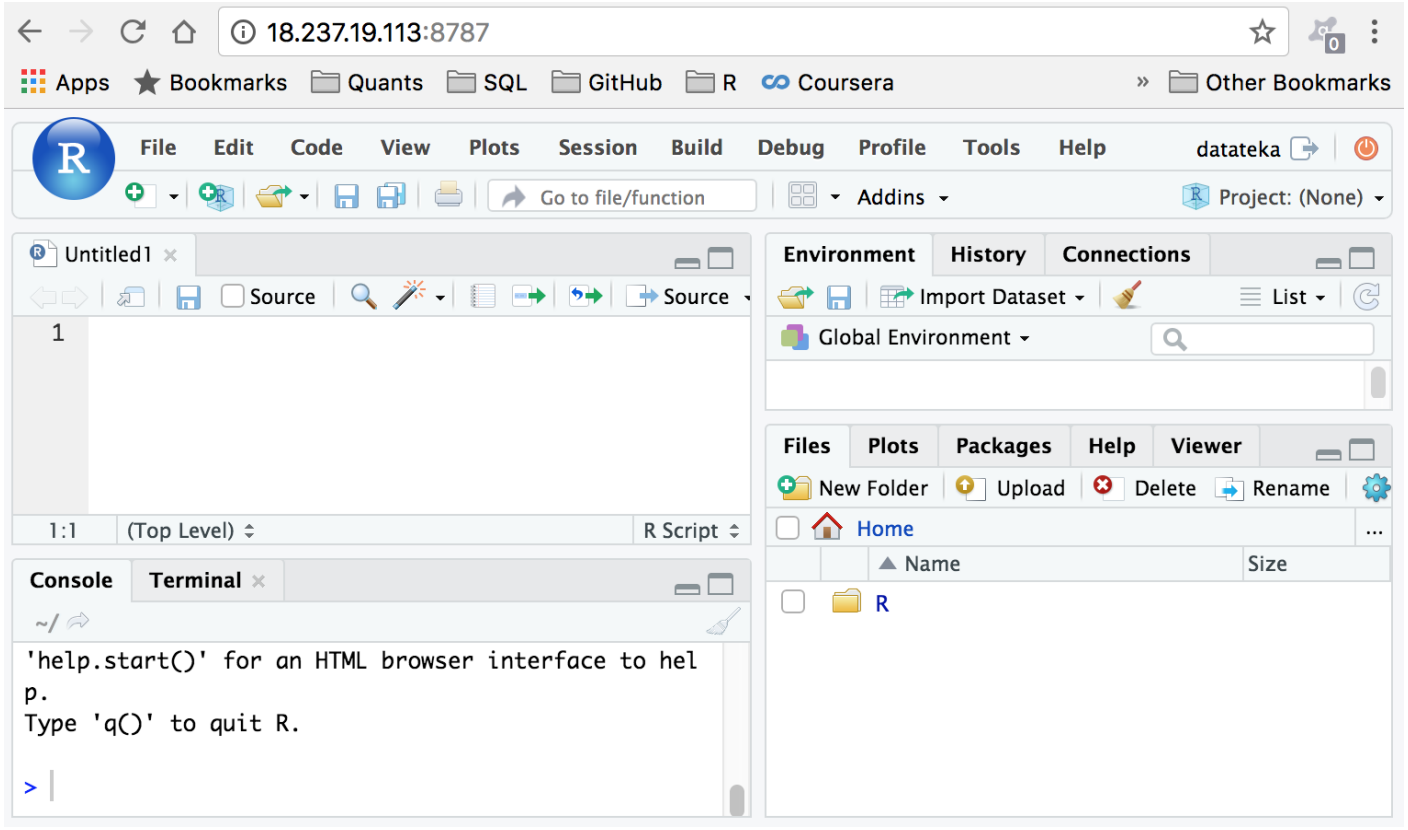
View Your Instance







Your RStudio in Amazon Cloud



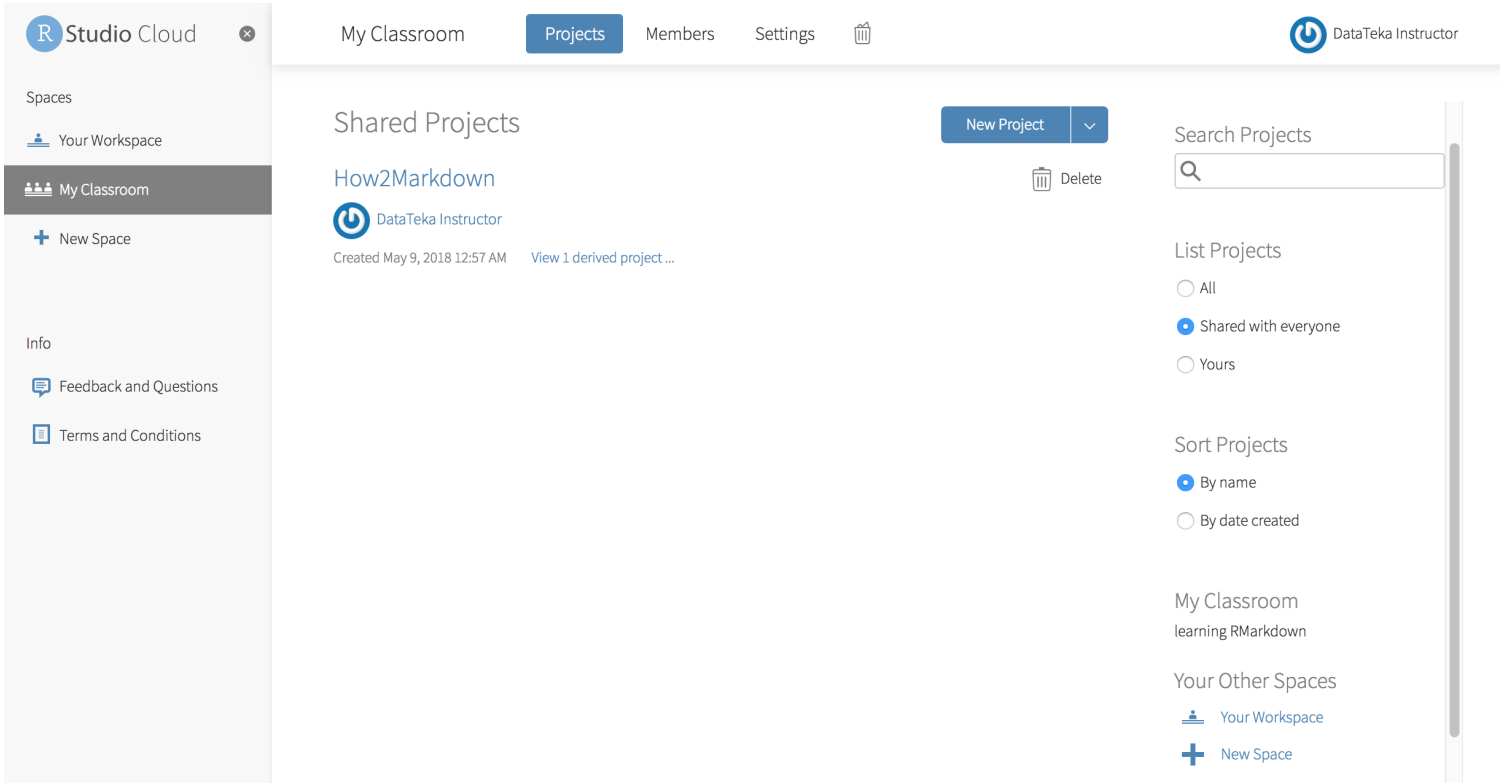
We know how to do Elain's Dance!!! 😀🎵🎶

RStudio Cloud!😇🎶🎵

Do the Cosmo Dance?! 🤪🎵🎶

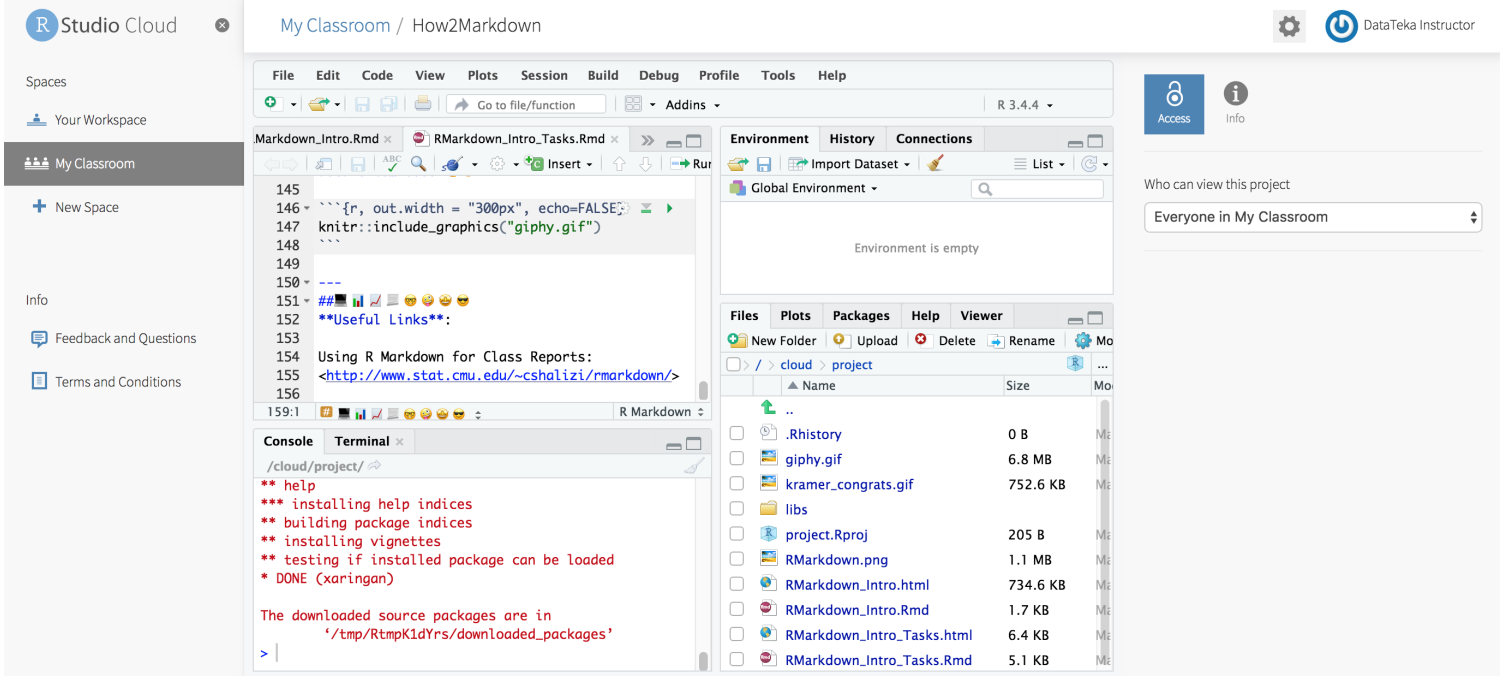
Instructor:

Set up your clasroom: `+New Space`



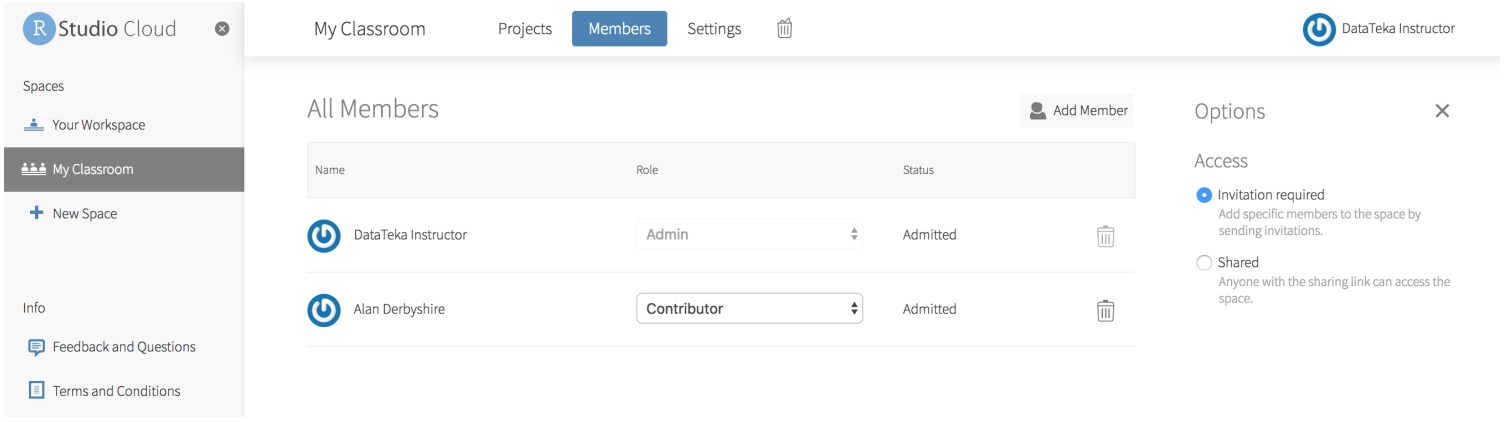
Instructor:

Set up a project: `Project Tab`



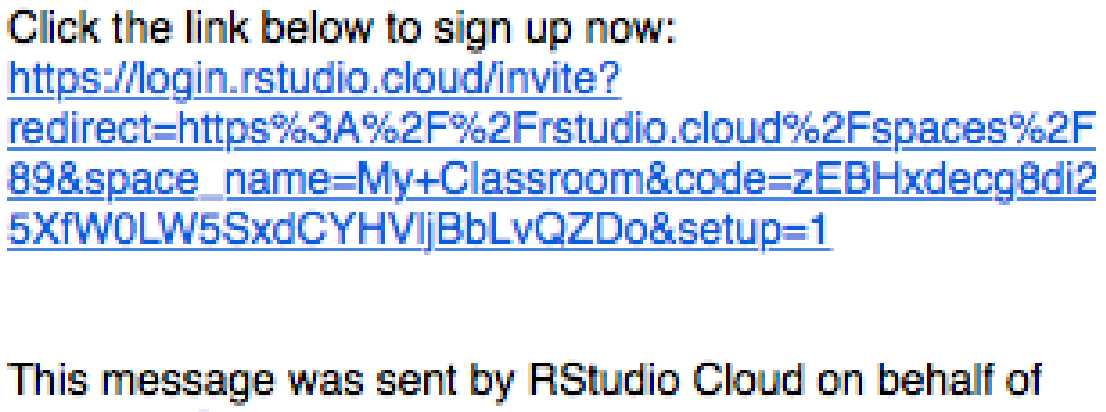
Instructor:

Add your students: `Members`



Student:

Check your emails and Join the clasroom 🧐

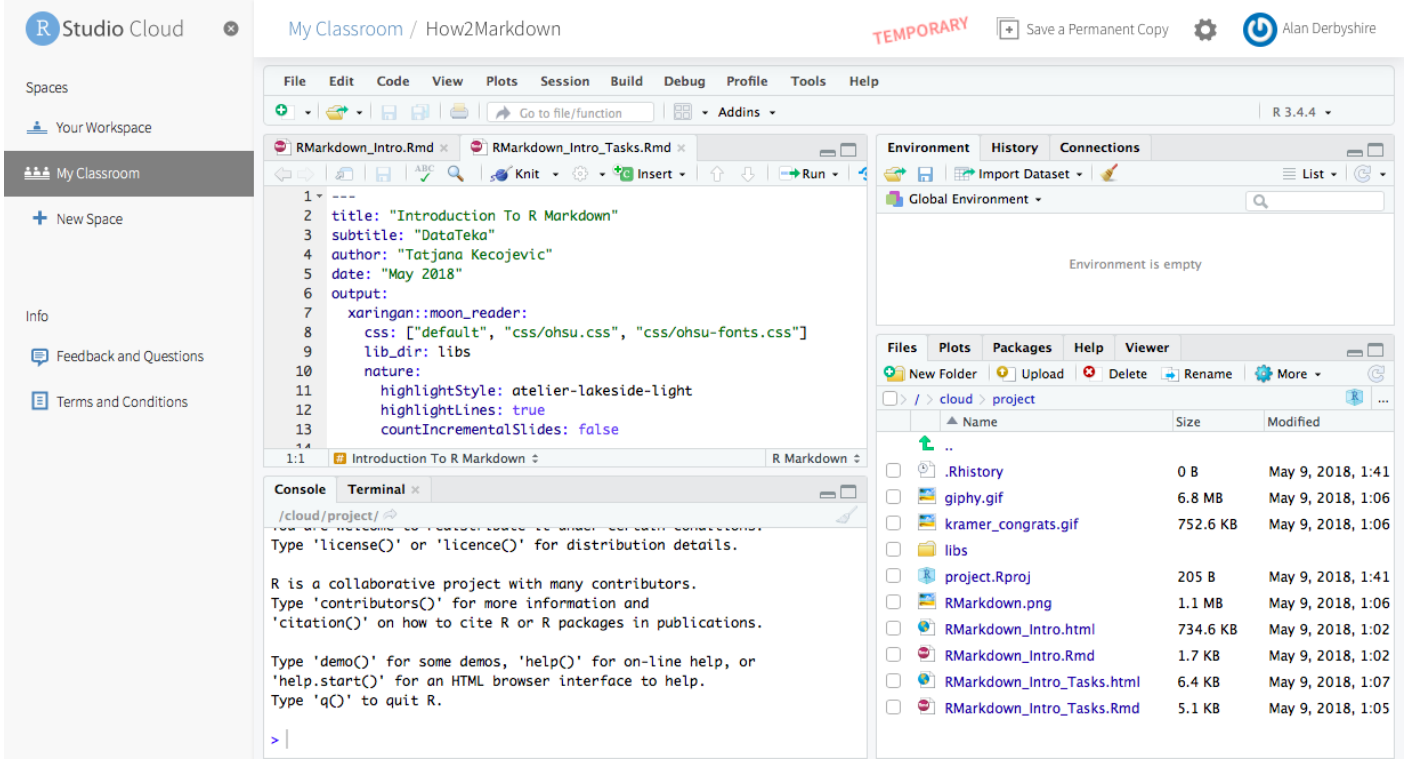

Click the link below to sign up now:
https://login.rstudio.cloud/invite?redirect=https%3A%2F%2Frstudio.cloud%2Fspaces%2F89&space_name=My+Classroom&code=zEBHxdecg8di25XfW0LW5SxdCYHVljBbLvQZDo&setup=1

This message was sent by RStudio Cloud on behalf of

Student:

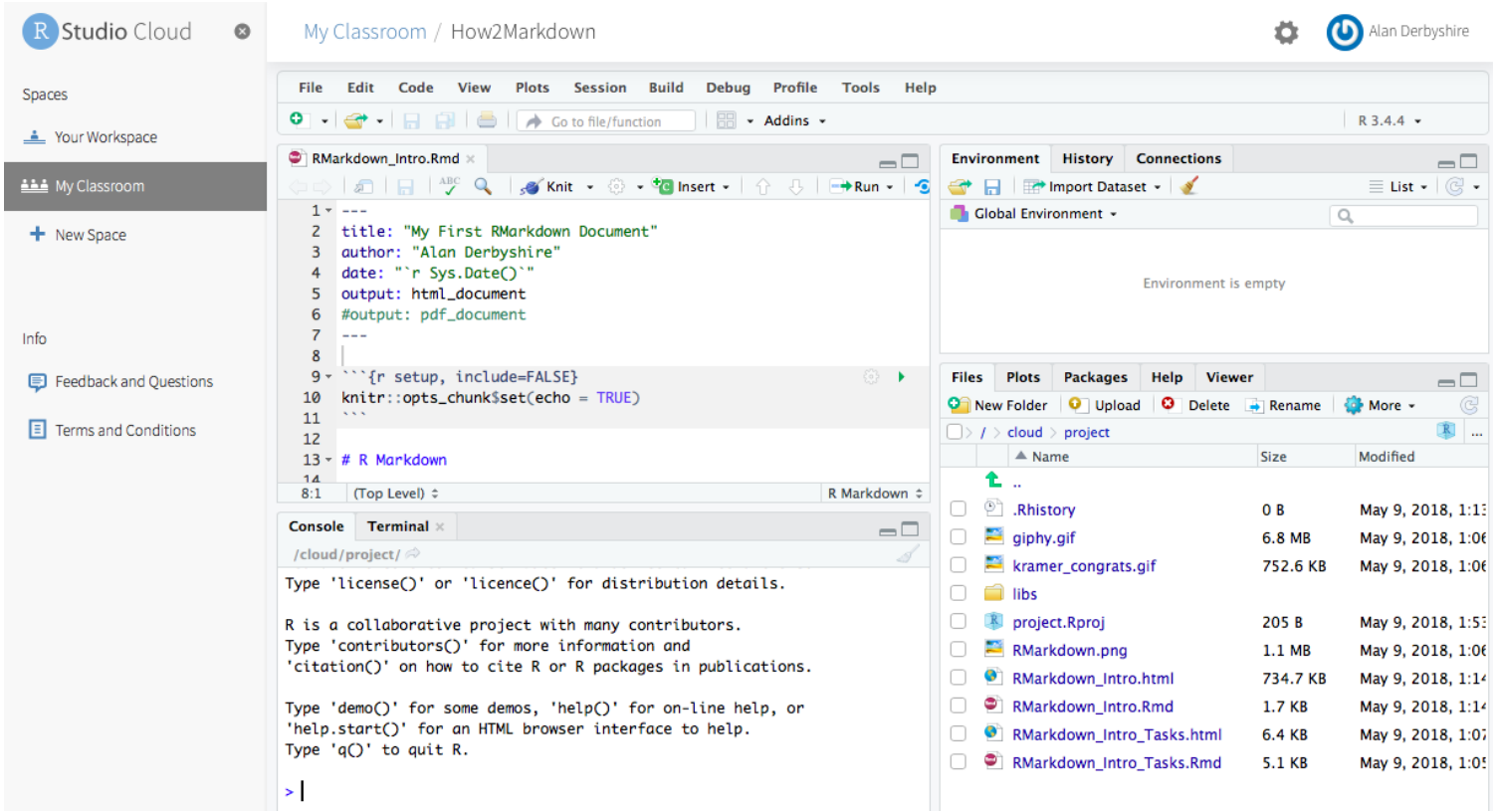
Check the Project

Save a Permanent Copy of the TEMPORARY Project



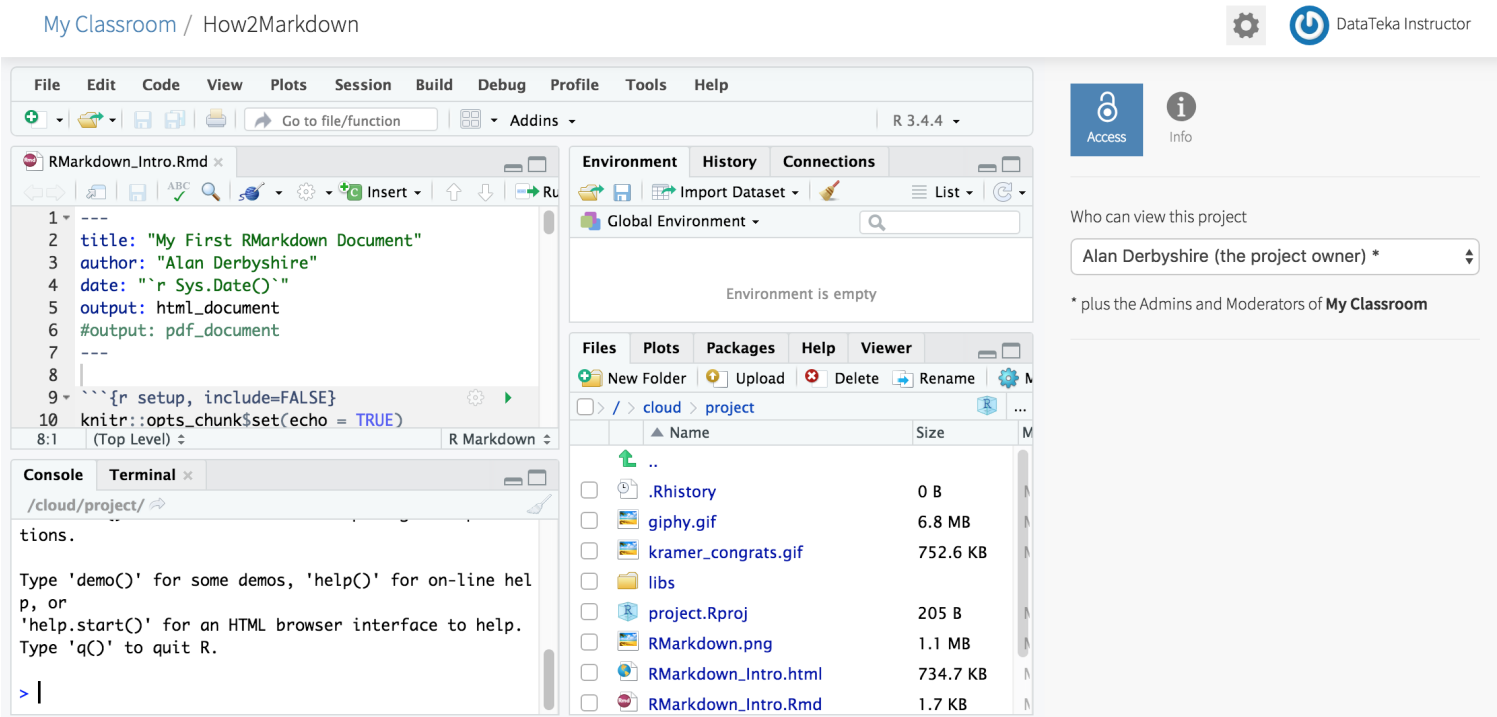
Student:

Working on project 🤔😓🤔😅🤓😎🤠



Instructor:

Check student's work 🧐🤗😇🎶🎵



Everybody Loves RStudio Cloud Dance 😇🎶🎶🎵

Thanks!

www.datateka.com

tanjakec.github.io

@DataTeka

@Tatjana_Kec

Slides created via the R package **xaringan**.

The chakra comes from remark.js, **knitr**, and R Markdown.