



# Health AI in R

August 11-12, 2025

## Course Onboarding material

Course Leader: Brooke Wolford, PhD  
[brookewo@ntnu.no](mailto:brookewo@ntnu.no)

Document version 2025-06-06

Welcome to the inaugural Health AI in R workshop!

All teaching will take place on campus at NTNU ([Kunnskapssenteret KS12 on Øya campus](#)). Course content is hosted on GitHub: <https://github.com/bnwolford/HealthAlinR>. You do not need an account to access it, but if you create a free account, you can [clone the repository](#) to your own computer to download all the modules. You need a computer for the course.

The workshop modules and activities will be done using HUNT Cloud. A separate virtual environment will be set up for the purpose of the course. Here you will access files and analysis-tools. Before the course we need you to do the following:

## #1 – Sign Agreement

Every user needs to fill out and sign a user agreement, available [here](#). This must be returned no later than **2 June**. Please rename the file to be <your last name>.pdf and email to [brookewo@ntnu.no](mailto:brookewo@ntnu.no). It will be signed by me and forwarded to HUNT Cloud.

## #2 - Setup HUNT Cloud

\*\*\*Important note!!! You may need to get admin rights to your computer to complete this setup. Depending on your IT department this might take days to obtain, so it is important to start the process early.

To be able to set up your account you need the following:

- smartphone
- google authenticator
- signal, on your smartphone (Search for “Signal” in the iOS or Android app stores, or use the links below.
  - [Download and install for iOS here](#)
  - [Download and install for Android here](#)

When your user has been created you will receive an email with links that provide step-by-step instructions. Please allow one hour to complete these onboarding steps.

1. Download the VPN certificate and Workbench certificate using the Secret Keys sent to signal
2. Follow the lab access link in the email for personalized instructions. You should go through all steps including SSH Passwordless access and Workbench hosts files/certificate.

More information:

- How to connect: <https://docs.hdc.ntnu.no/do-science/getting-started/>
- HUNT Workbench installation: <https://docs.hdc.ntnu.no/do-science/hunt-workbench/installation/>

## #3 – Attend the onboarding session

On **June 5, 13:00-13:30 CET** we will have an open office hours on Zoom for you to get help connecting to HUNT Cloud. This is optional, but you must be connected to HUNT Cloud before the workshop.

<https://NTNU.zoom.us/j/97020978073?pwd=GM9AeuBkleBqmZb31z8gDIHieXcaj5.1>

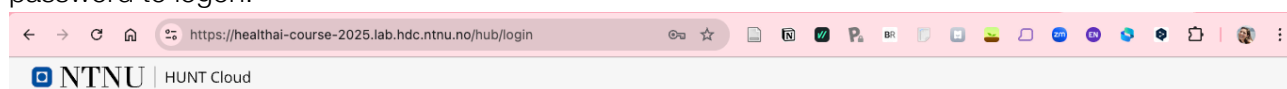
## #4 - Recommended reading

Before the course we recommend that you familiarize yourself with R if you can. We have provided some resources [here](#).

## #5 – Log on to the workbench

Once you've completed the HUNT Cloud onboarding, you can access the workbench via your webbrowser.

1. Visit <https://healthai-course-2025.lab.hdc.ntnu.no/> in Google Chrome. Use your username and password to logon.



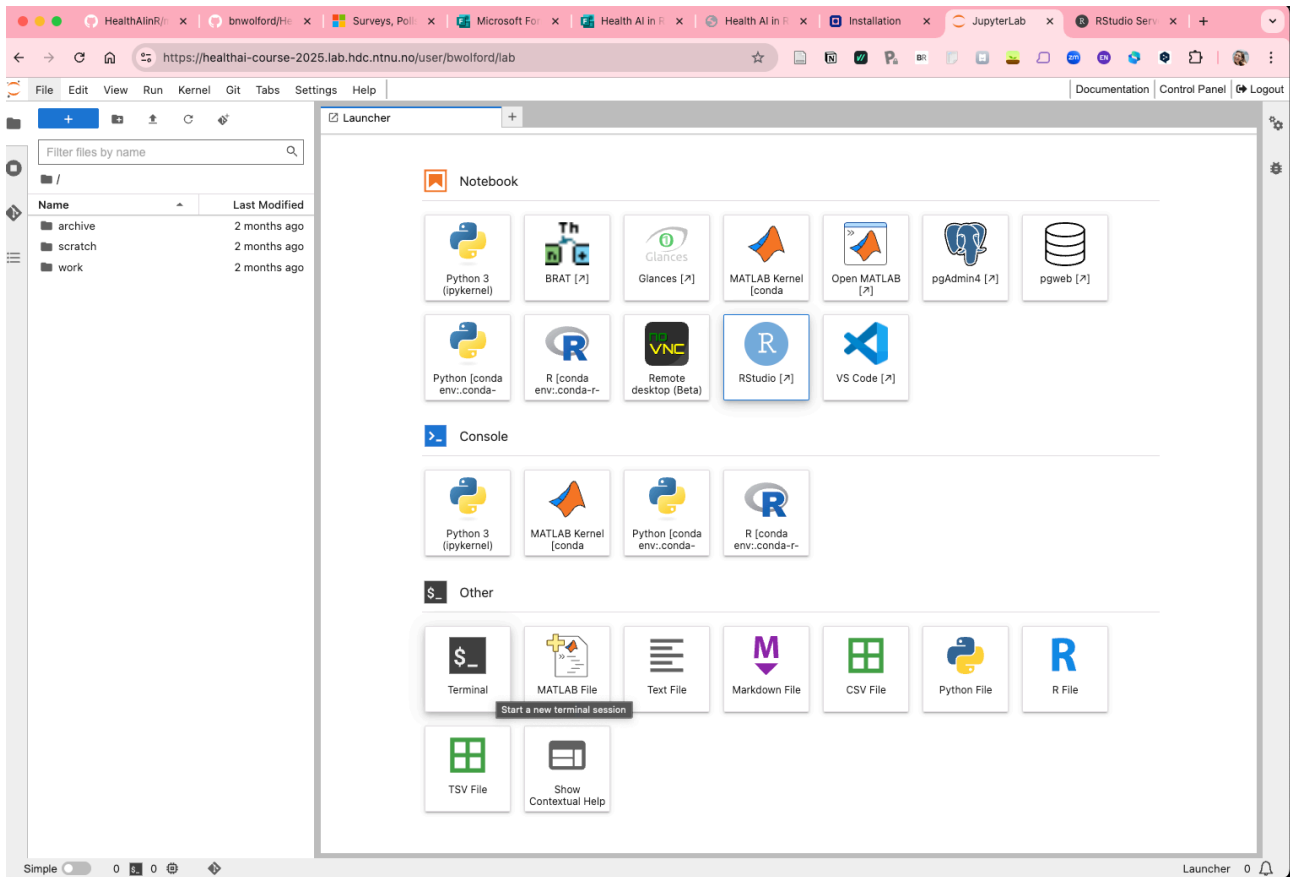
**Sign in**

**Username:**

**Password:**

**Sign in**

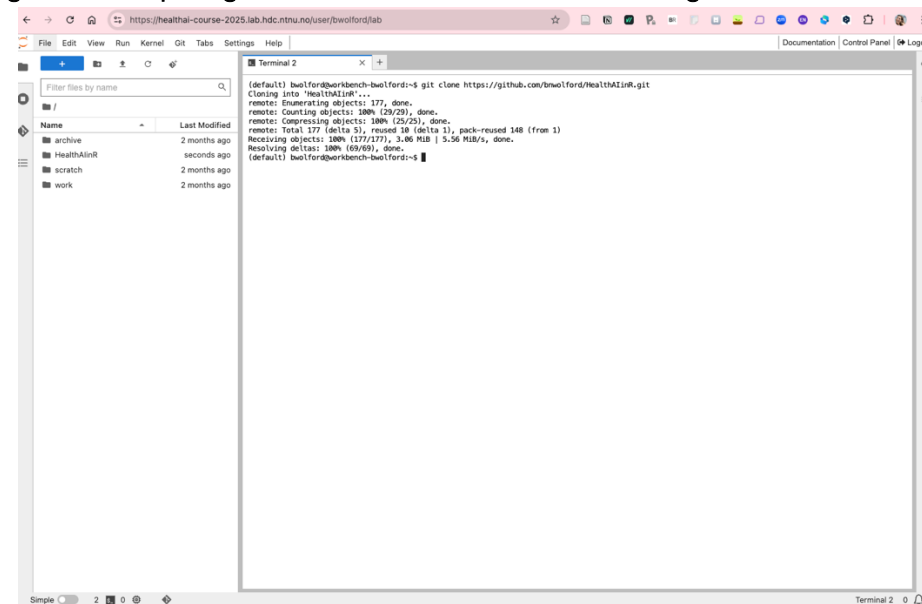
## 2. Select Terminal on the second row from the bottom.



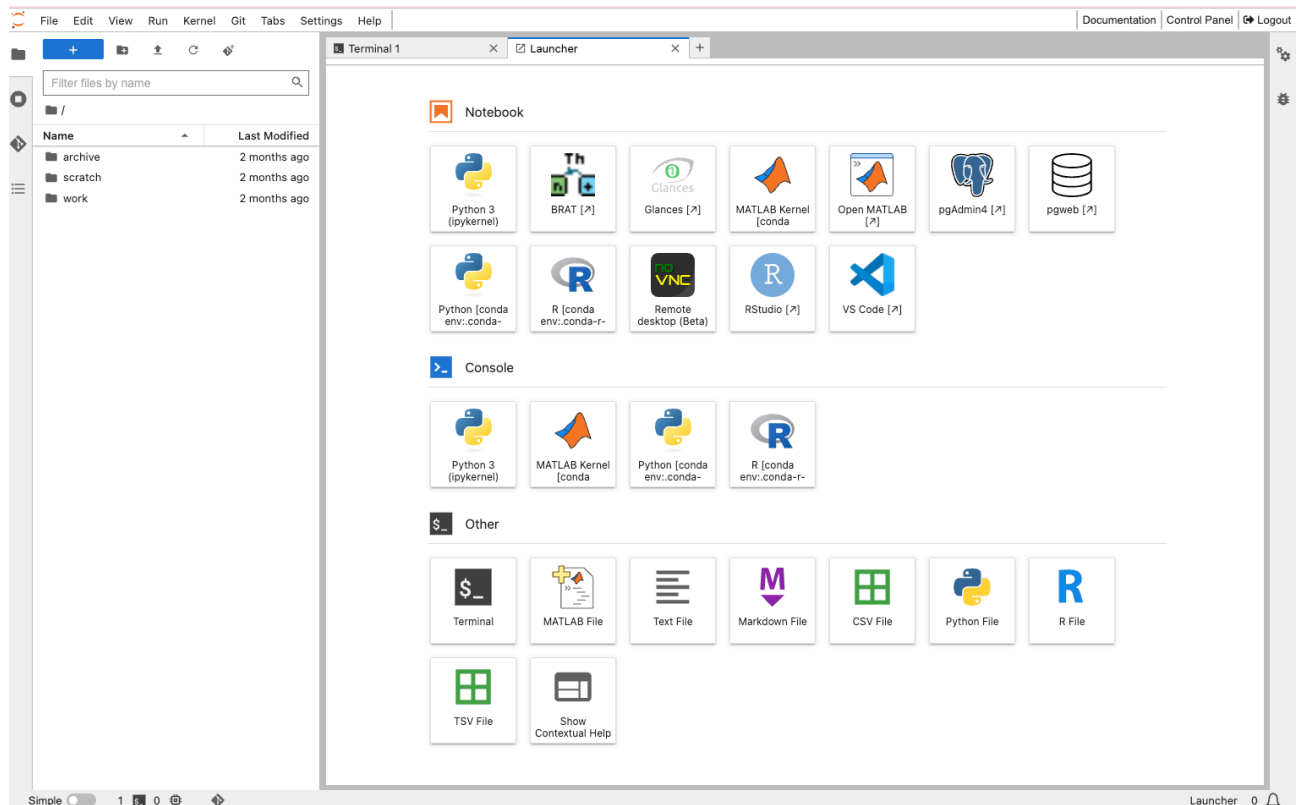
## 3. When Terminal opens, you are in your workbench folder.

Clone the github repository by copying the following command into the terminal and press enter.

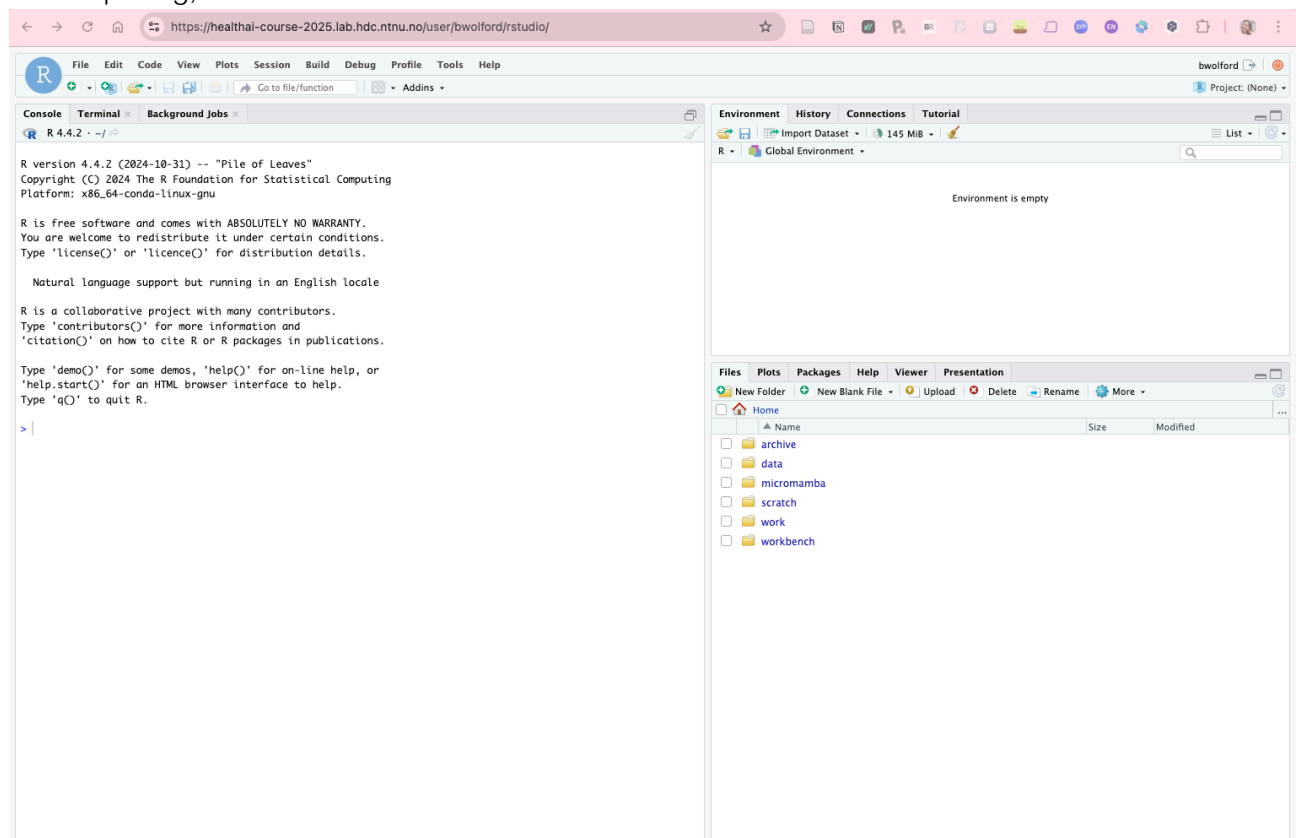
**git clone https://github.com/bnwolford/HealthAlinR.git**



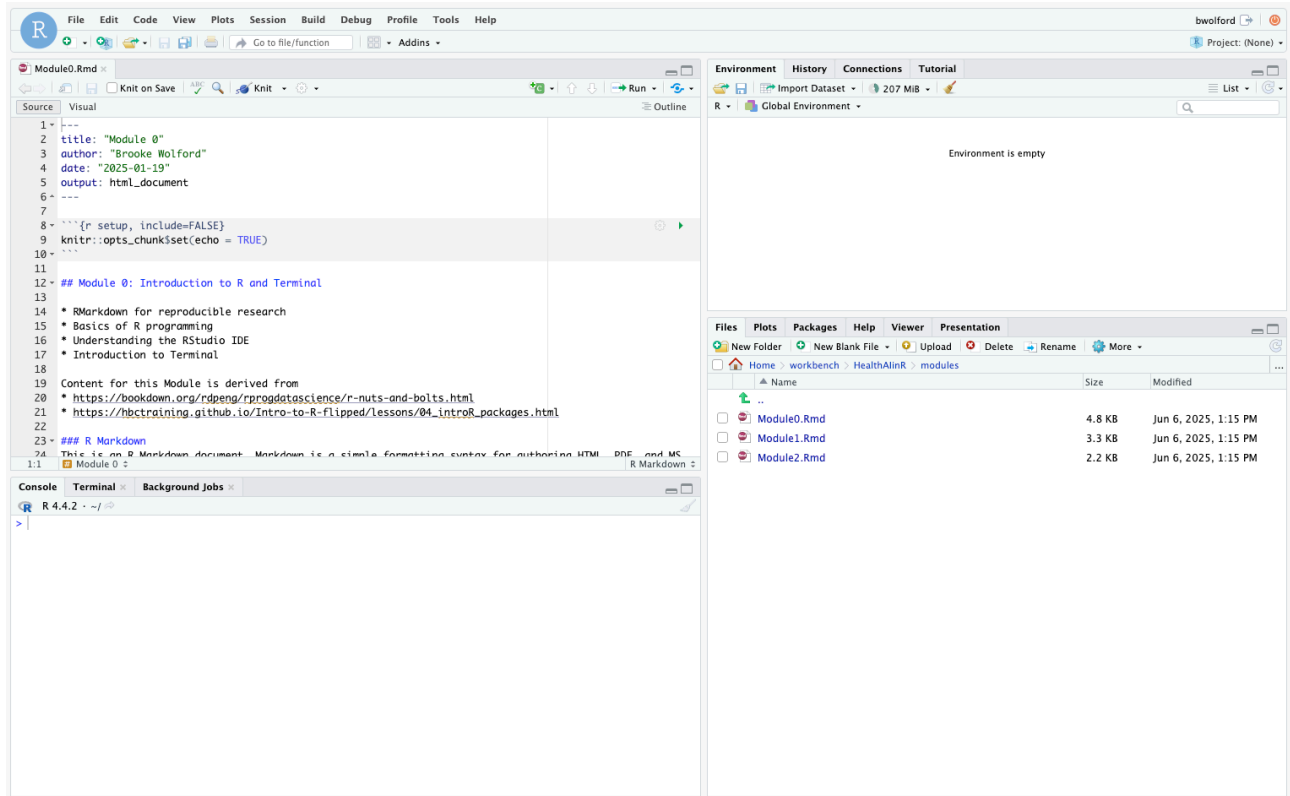
4. Press the blue plus sign on the top left. A new launcher appears. Now select RStudio, the blue circle with a white R.



4. On opening, RStudio looks like this:



5. In the bottom left you can navigate the file system like in a regular computer. Select **workbench**, then **HealthAlinR**, then **modules**. Click on **Module0.Rmd**. This is an R Markdown document. It will open in the top left of the screen.



6. In the sections that are grey and start with `{r}` these are code blocks of the document. Hit the green play button to execute the code in that block. Read through and try to understand what is happening. We will start with this module in August.