

(base) C:\Users\pejuo>

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function Addins

Project: (None)

Environment History Connections Tutorial

Import Dataset 132 MiB

Environment is empty

```
1 install.packages("tidyverse")
2 #install.packages("ggplot2")
3 library(ggplots)
4 library(tidyverse)
5 # Replace "sample ID vs ab.csv" with the path to your data file
6 data <- read.csv("sample ID vs ab.csv", header = TRUE, row.names = 1)
7
8 # Transpose the data
9 data <- t(data)
10
11 #Define custom color palette
12 my_palette <- colorRampPalette(c("black", "green", "red"))(256)
13
14 #Open a new graphics device
15 png("sample ID vs ab.png", width = 10000, height = 6000) # change file format
16
17 # Create heatmap
```

9:1 (Top Level) R Script

Console Terminal Background Jobs

R 4.4.1 -- Race for Your Life

Copyright (C) 2024 The R Foundation for Statistical Computing

Platform: x86_64-w64-mingw32/x64

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You are welcome to redistribute it under certain conditions.

Type 'license()' or 'licence()' for distribution details.

Natural language support but running in an English locale

R is a collaborative project with many contributors.

Type 'contributors()' for more information and

'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or

'help.start()' for an HTML browser interface to help.

Files Plots Packages Help Viewer Presentation

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Home

	Name	Size	Modified
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<input type="checkbox"/>	Cicada Knight.jpeg	26.8 KB	Oct 19, 2023, 11:59 AM
<input type="checkbox"/>	Custom Office Templates		
<input type="checkbox"/>	Dear Hiring Manager.docx	14.7 KB	Oct 18, 2023, 3:00 PM
<input type="checkbox"/>	desktop.ini	418 B	May 20, 2025, 8:38 AM
<input type="checkbox"/>	EOG.jpg	353.4 KB	Dec 19, 2024, 7:14 PM
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<input type="checkbox"/>	NCBI upregulated.csv	16.4 KB	Feb 20, 2025, 1:35 PM
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github.com/G-IHub/COMPUTATIONAL-BIOLOGY---GIHUB/blob/main/bootcamp-week-01-Basic-Tools/week01-readme.md

Files

main

Go to file

bootcamp-week-00-orientation

bootcamp-week-01-Basic-Tools

COLLABORATIVE TOOLS.pptx

Compt biology pipeline flow.png

Guide on Project Documentatio...

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Guide to Google colab and not...

Linux_and_WSL_Bioinformatics_...

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README.md

weekly-links.md

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Week 1: Basic Tools for Bioinformatics and Reproducible Research

Welcome to **Week 1** of our Computational Biology Bootcamp!
This module introduces essential tools and concepts for **bioinformatics** research, **collaborative science**, and **reproducible workflows**.



Overview

This repository contains learning resources and guides on the following:

- ✓ Python and R Installation
- ✓ Jupyter Notebooks (Google Colab)
- ✓ Git & GitHub
- ✓ Visual Studio Code (VS Code)
- ✓ Linux / Windows Subsystem for Linux (WSL)

Command Prompt



Microsoft Windows [Version 10.0.22631.5335]
(c) Microsoft Corporation. All rights reserved.

C:\Users\pejuo>git --version
git version 2.49.0.windows.1

C:\Users\pejuo>

Home

localhost:8890/tree?

Anaconda Toolbox

v4.20.0

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Your Toolbox for Python Projects

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Manage Code Snippets

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jupyter

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Files

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Select items to perform actions on them.

New

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<input type="checkbox"/>	Name	Modified	File Size
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<input type="checkbox"/>	anaconda_projects	3 days ago	
<input type="checkbox"/>	anaconda3	3 hours ago	
<input type="checkbox"/>	Contacts	last year	
<input type="checkbox"/>	Desktop	2 days ago	
<input type="checkbox"/>	Documents	10 months ago	
<input type="checkbox"/>	Downloads	3 hours ago	
<input type="checkbox"/>	Favorites	last year	
<input type="checkbox"/>	Geneious 9.1 Data	6 months ago	
<input type="checkbox"/>	Links	last year	
<input type="checkbox"/>	Music	last year	
<input type="checkbox"/>	OneDrive	yesterday	
<input type="checkbox"/>	OneDrive - T-hub	yesterday	
<input type="checkbox"/>	OneDrive - UNCG	yesterday	
<input type="checkbox"/>	PCAppStore	last year	
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Anaconda Assistant

4.18.0

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