

# R-TUTORIAL

## A BEGINNER'S GUIDE

---



**Philipp Wimmer**

Winter Term 2024/25

Research Institute Economics of Inequality (INEQ), *Vienna University of Economics and Business*

*philipp.wimmer@wu.ac.at*

# OVERVIEW

1. Github



2. R and R-Studio







3. ChatGPT






**GITHUB**


---

# GET MATERIALS FROM GITHUB (1)

 wimmerphilipp

 Overview  Repositories 2  Projects  Packages  Stars





**Philipp Wimmer**  
wimmerphilipp · he/him


Research Assistant at the Research  
Institute for the Economics of Inequality |  
Master's student in Economics |  
Inequality, Wealth Distribution.


[Edit profile](#)

2 followers · 9 following

 Vienna University of Economics and  
Business

 philipp.wimmer@wu.ac.at

 in/philipp-wimmer-576a69275

 @pHiLlLaTiOn

Popular repositories

[r-tutorial](#) Public

RL

157 contributions in the last year

Contribution settings

2024

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Mon												
Wed												
Fri												

Learn how we count contributions

Less More

Contribution activity

November 2024

wimmerphilipp has no activity yet for this period.

[Show more activity](#)

Seeing something unexpected? Take a look at the [GitHub profile guide](#).

# GET MATERIALS FROM GITHUB (2)

The screenshot shows the GitHub interface for the repository 'wimmerphilipp / r-tutorial'. The 'Code' button is highlighted, and its dropdown menu is open, showing options for cloning the repository. The repository has 1 branch and 0 tags. The file list on the left includes .gitignore, AT\_CD\_2013\_small.RData, AT\_CH\_2013\_small.RData, AT\_CP\_2013\_small.RData, AT\_CR\_2013\_small.RData, README.md, R\_basics.pdf, basic\_functions.R, basics.R, data\_handling.R, setup\_markdown.R, and ts\_covid\_sortiert.csv. The right sidebar shows the 'About' section with no description, website, or topics provided, and the 'Releases' section with no releases published.

GitHub interface showing the repository **wimmerphilipp / r-tutorial**. The **Code** button is selected, displaying options for cloning the repository.

Repository details: **r-tutorial** (Public), 1 Branch, 0 Tags.

Clone options:

- Local
- Codespaces
- Clone (selected)
- HTTPS
- SSH
- GitHub CLI
- Clone using the web URL: <https://github.com/wimmerphilipp/r-tutorial.git>
- Open with GitHub Desktop
- Download ZIP

Repository files and folders:

- .gitignore (update)
- AT\_CD\_2013\_small.RData (Add files via upload)
- AT\_CH\_2013\_small.RData (Add files via upload)
- AT\_CP\_2013\_small.RData (Add files via upload)
- AT\_CR\_2013\_small.RData (Add files via upload)
- README.md (Update README.md)
- R\_basics.pdf (update, 24 minutes ago)
- basic\_functions.R (Add files via upload, last month)
- basics.R (update, 44 minutes ago)
- data\_handling.R (Add files via upload, last month)
- setup\_markdown.R (Add files via upload, last month)
- ts\_covid\_sortiert.csv (Add files via upload, last month)

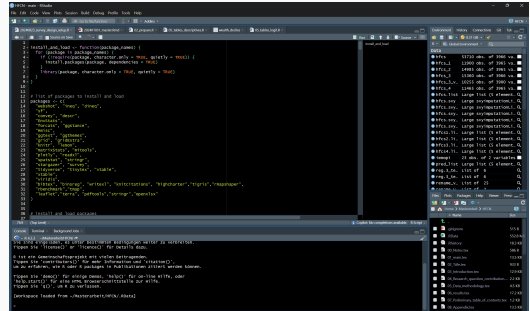
Repository metadata:

- About: No description, website, or topics provided.
- Releases: No releases published. [Create a new release](#)
- Packages: No packages published. [Publish your first package](#)
- Languages: R 100.0%

# R AND R-STUDIO

---

## R



## Install R Base

1. **Link to install R Base**
2. Download & install R-base

## Install R-Studio

5. **Link to install R-Studio**
6. Download & install the free version of RStudio Desktop



**CHATGPT**

---

# SOME BASIC NOTES ON HOW TO USE CHATGPT

## **Be Cautious!**

- It is very useful in some ways, especially for coding, but be careful!
- Repeated Input 'Jailbreaks' and invented answers
- Faulty code
- WU guidelines
- **Alternative:**
  - Learn to google code, use the 'help' function of R, stackoverflow, GitHub

$$x_{1,2} = -\frac{p}{2} \pm \sqrt{\left(\frac{p}{2}\right)^2 - q}$$