TADA

TOPICS AROUND
DATA SCIENCE

WHEN   Tuesdays 11:30–1:30pm
WHO   all welcome
WHAT   help desk

Weekly programming help desk for students across all levels, where you can help each other and get extra help from us on programming questions

Extra incentive: monthly mini-tutorial once a month

MONTHLY 'TEASER' TOPICS

1. 10 common misconceptions about $\LaTeX$
2. Numerical simulations in Julia
3. Bibliography management with Zotero and Bibtex
4. R.I.P: On using R in Physics
5. Grammar of Graphics
6. Reproducible analyses with Quarto
7. Interactive apps with Shiny
8. Version control and collaboration with Github
9. Creating a personal website in 10 minutes
10. "Glue" code

WHAT WE CAN HELP WITH

1. PROGRAMMING CONCEPTS

   for loops, if/else, reading files, plotting, data transforms, ...

2. DATA ANALYSIS AND NUMERICAL METHODS

   fitting, numerical integration, statistical summaries, ...

3. GRAPHICS, REPORTING, PRESENTATION

   plotting, LaTeX, markdown, notebooks, ...

4. SOFTWARE USE

   Excel, Python, Julia, R, Matlab, ...

5. COMPUTING ENVIRONMENT

   version control, reference managers, command line, ...