

# Advanced UNIX

Scripting, data exploration, text parsing

# What you will learn

- ❖ How to use a set of powerful, flexible tools for data exploration and parsing
- ❖ How to chain multiple tools into pipelines
- ❖ How to “save” all your procedures in shellscripts

# Outline

1. Fundamentals of the Bash shell
2. Exploring data with **grep**, **sort**, **uniq** and **wc**
3. **sed** - search/replace and line deletion
4. **awk** - advanced data processing language

# What you should know

- Basic shell navigation - cd, ls, pwd
- Making file and directories - touch, mkdir
- Moving files - mv, cp
- Basic file handling - head, tail, cat, less
- Some experience in some editor

# Workshop Information

You can download the slides and sample data for this workshop from:

<https://github.com/zbwrnz/adv-unix-workshop>