# Advanced UNIX

Scripting, data exploration, text parsing

# Outline

1. Bash and shellscripting

2. Data exploration: **grep**, **sort**, **uniq and wc**

3. **sed** - search/replace, record extraction

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

grep

sort

uniq

wc

sed

tr

diff

column

**BASH**

AWK

join