

Unix navigation practice

Experiential Data science for Undergraduate Cross-disciplinary Education

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Unix navigation practice

These problems are designed to help you practice concepts and functions covered in the ‘Unix navigation tutorial’.

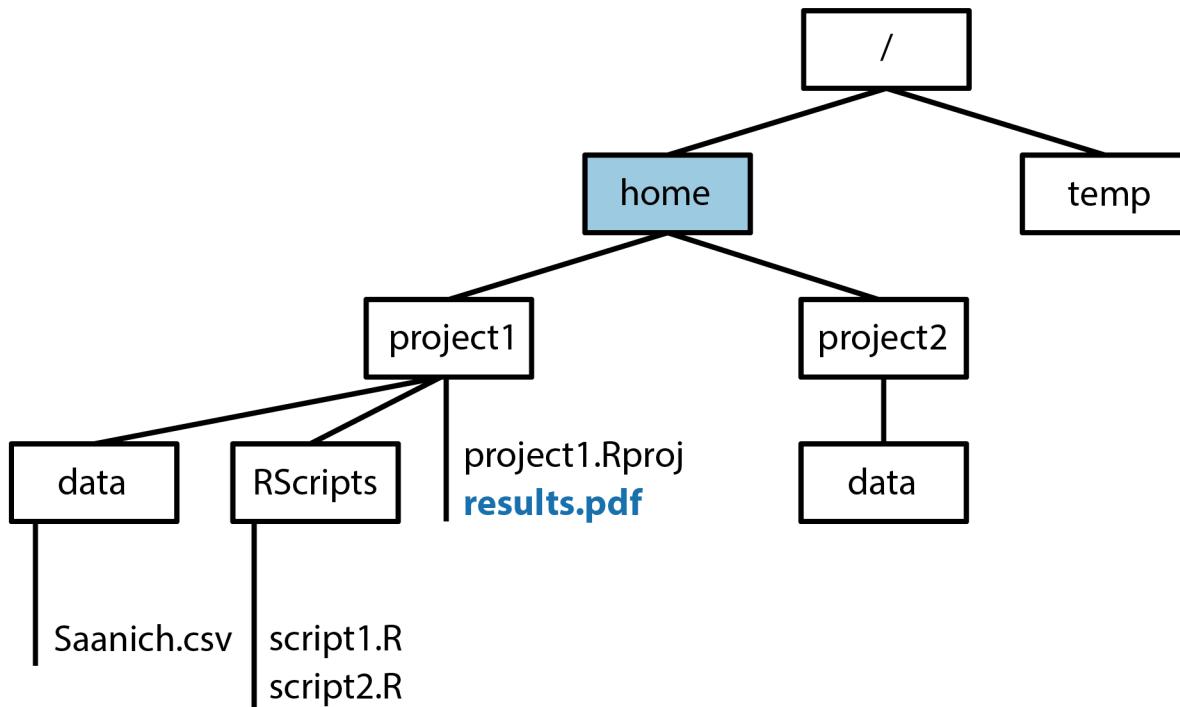
Learning objectives

- Define parts of the terminal
- Use Unix commands to navigate your computer including pwd, ls, man/help, and cd

Practice

1. Match the following Unix commands with their associated functions. Each option will only be used once.
 - List all contents of the current directory
 - Print the current directory
 - Change directory
 - The home shortcut
 - End a terminal session
 - cd
 - ls
 - exit
 - ~
 - pwd
2. In a terminal window, what command could you use to open the help page for the ls function? How many different option parameters are available for the ls function?

The remaining questions refer to following file structure. Directories are enclosed in boxes and files are listed under their associated directory. The home directory is highlighted in blue.



3. What is the full file path of the file highlighted in blue? Several may apply.
- /home/project1/results.pdf
 - ~/results.pdf
 - /project1/results.pdf
 - /home/project1/project1.Rproj/results.pdf
 - ~/project1/results.pdf
4. If your terminal is currently pointing to the project1/RScripts directory, how would you navigate to the home directory? Several may apply.
- cd ~
 - cd ../../
 - cd ..
 - cd home
5. If your terminal is currently pointing to the home directory and you begin a command to move into the project2 directory with
- ```
cd proj
```
- Could a single tab-completion be used to complete the command correctly?
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