

Module 1: Intro to Unix/Linux & Running Workflows

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→ **List of learning outcomes specific for this module**

- Understand the Unix file structure, paths and how to navigate through it
- Learn the basic Linux commands to handle files, read, search and extract information from files
- Learn how to combine commands and redirect outputs
- Learn how to run programs using the command line

→ **Total number of hours:** 8 hours

→ **Tools/software and resources**

- ◆ VM: We will be using only the terminal and text editors
- ◆ Useful links to learn more about Linux commands:
 - <https://phoenixnap.com/kb/linux-commands-cheat-sheet>
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→ **Overview of activities and exercises**

Day 1:

- Introductory lecture: Recorded (15-20 min)
- Practical 1 (15-20 min) (navigation of directories and files). Practical 1 described in part 1 of the slides
- Lecture 2, practical1 answers and handling text files: recorded (20-25 mins)
- Practical 2: creating and reading text files content. Practical 2 described in part 2 of the slides
- Lecture 3: searching in files and piping: recorded (45 min)
- Final practical (Session 1 assignment)
- Q and A (30 mins) - contact session

