

Week 1 Tasks – Intro to DevOps & Linux

Theory Tasks

- Outline the Agile methodology and its role in supporting DevOps practices.
- Study the Linux file system hierarchy (/, /etc, /var, /home) and note to yourself the purpose of each directory.
- Research 3 major benefits of adopting DevOps in software organizations and provide real-world examples.

Practice Tasks

- Use basic commands (ls, cd, pwd, mkdir, rm) to navigate and manage directories.
- Create two new users and assign them to a custom group.
- Change file and directory permissions using chmod and chown; demonstrate by creating a file owned by the group.
- Document all commands used in your lab in a markdown file and push it to a personal Git repository.