

Git Intro

4. Mai Data Analytics @ Redi

Git and Github

- Git: a version control software tracking revisions, different branches for collaborating, managing history.
- Github: a git server as service that mirrors the data bound to the git software

Exercise #1

- Create own github account
- Install git on your computer

What can one do with Git?

- Create history and look up history
- Move to the certain point of the history unit = commit
- Split into different versions (branches) for collaborators and merge these versions
- Tag certain commits or modify commit history

Example

- `Git clone [repository_address]`
- `Git status`
- `Git log`
- `Git checkout -b [new_branch_name]`
- `Git checkout [commit_number]`
- `Git branch --all`
- `Git add [file_name]`
- `Git commit -m "[commit_message]"`

Exercise #2

- Create your own repository
- Try the initial commit