

Python Programming

Exercise 1: Introduction to Git, Github, Jupyter Notebooks

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September 30, 2021

Abstract

In this week's exercise you will become familiar with the working environment for this course. Follow the instructions on this page to be able to check out this course's Git repository, install Jupyter Notebook and start coding.

Task 1: Working with the repository

- Follow the tutorial [here](#) for an introduction to Git
- The repository for this course can be found [here](#)
- You should be able to clone the course repository, create an own project repo, add and commit files to your own project and push them to your own repo
- Make sure you understand what the following commands do:

`clone, add, commit, push, status, version, init`

Task 2: Install Anaconda and start working with Jupyter Notebooks

- Follow the tutorial [here](#) for an installation to Anaconda
- [Here](#) you can get started with working with Anaconda and Launch your own Jupyter Notebooks
- Make sure to follow the whole guide and also work with the Anaconda prompt
- Generate a 'hello, world' output, either in a Notebook or in the prompt

Task 3: Work with the repo, run the first code

- Combine both working environments to work with them together
- Inspect the repo - there are files in the `code/ntbks` folder
- Read, run and inspect the notebooks and files in the `01_intro` folder