

Effective Programming Practices for Economists

Basic Python

Executing notebooks in a browser

Janoś Gabler and Hans-Martin von Gaudecker

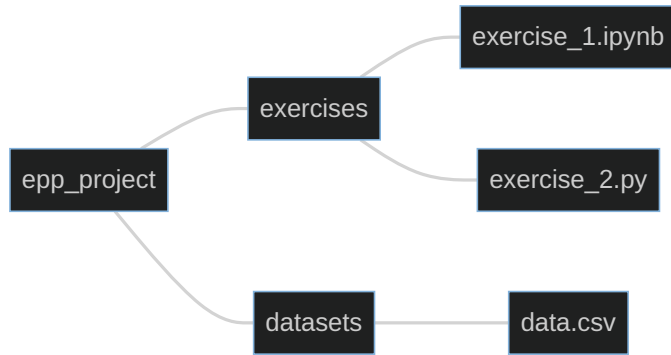
Preparation

- We assume you have installed anaconda and created the course environment
- Open a shell in the root directory of your project
 - On Windows, use the anaconda prompt or the powershell
 - If conda is not recognized in the powershell, check out this [stackoverflow post](#)
- Activate the environment using ``conda activate epp``
- Confirm the activation worked using ``conda info``

0. Activate and Info

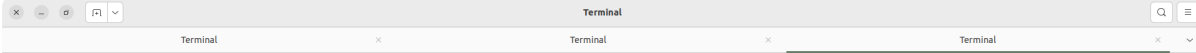


Example project structure



- Our shell is in the ``epp_project`` directory
- We want to run ``exercise_2.ipynb`` in the browser
- Command is ``jupyter notebook``

1. Start Notebook



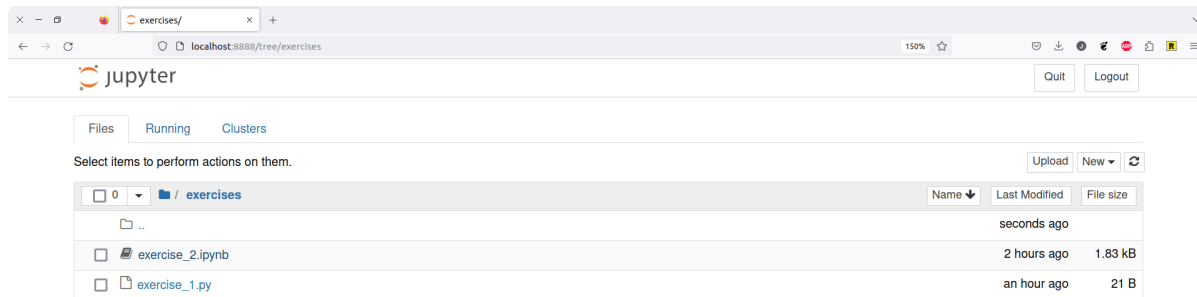
```
epp-course/python_execution_examples/epp_project via G epp
> jupyter notebook
[I 2023-09-21 17:11:11.198 LabApp] JupyterLab extension loaded from /home/janos/miniconda3/envs/epp/lib/python3.10/site-packages/jupyterlab
[I 2023-09-21 17:11:11.198 LabApp] JupyterLab application directory is /home/janos/miniconda3/envs/epp/share/jupyter/lab
[I 17:11:11.201 NotebookApp] Serving notebooks from local directory: /home/janos/Dropbox/epp-course/python_execution_examples/epp_project
[I 17:11:11.201 NotebookApp] Jupyter Notebook 6.5.2 is running at:
[I 17:11:11.201 NotebookApp] http://localhost:8888/?token=b642c34975f4d2072b23122b043305402612927a46798691
[I 17:11:11.201 NotebookApp] or http://127.0.0.1:8888/?token=b642c34975f4d2072b23122b043305402612927a46798691
[I 17:11:11.201 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 17:11:11.214 NotebookApp]

To access the notebook, open this file in a browser:
    file:///home/janos/.local/share/jupyter/runtime/nbserver-122618-open.html
Or copy and paste one of these URLs:
    http://localhost:8888/?token=b642c34975f4d2072b23122b043305402612927a46798691
    or http://127.0.0.1:8888/?token=b642c34975f4d2072b23122b043305402612927a46798691
^[[1;3A
```

2. Landing Page



3. Click on Folder



localhost:8888/notebooks/exercises/exercise_2.ipynb

4. Work in the Notebook

