Effective Programming Practices for Economists

Basic Python

Executing ".py"-files from the shell

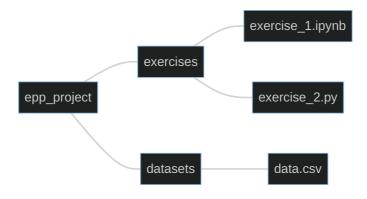Janoś Gabler and Hans-Martin von Gaudecker

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

```
                              ┌──────────────────┐
                              │ exercise_1.ipynb │
                              └──────────────────┘
                  ┌───────────┐
                  │ exercises │
                  └───────────┘
                              ┌────────────────┐
                              │ exercise_2.py  │
  ┌─────────────┐            └────────────────┘
  │ epp_project │
  └─────────────┘
                  ┌──────────┐    ┌──────────┐
                  │ datasets │────│ data.csv │
                  └──────────┘    └──────────┘
```

- Our shell is in the `epp_project` directory
- We want to run `exercise_1.py`
- Command is `python exercises/exercise_1.py`

1: Execute