Setup

1. Install the Anaconda Python distribution

Download the Anaconda Python distribution and run the downloaded installer:

https://www.anaconda.com/download/

Make sure you download the Python 3 version.

2. Create an environment

Once Anaconda is installed, create a new conda environment with the required packages, by running the following command in a terminal (Linux or macOS) or a command-line window (Windows), making sure you run this command inside the directory containing our `requirements.yml` file:

```
conda env create -f requirements.yml
```

3. Ensure that you can successfully run a Jupyter Notebook

If you are unfamiliar with the Jupyter Notebook, have a look at this quick start guide, in particular the section on running the notebook.

During the tutorial session we will not have time to solve installation problems, so make sure that you are able to run the Jupyter Notebook *before you arrive*.

Data

We are using data made available from the Open Power System Data project for this tutorial. These datasets can be found in the `data` subdirectory and are based on the following download links:

- time_series_60min_singleindex.csv
- conventional_power_plants_DE.csv
- conventional_power_plants_EU.csv