`flavio` installation prerequisites

Thanks to the magic of Python, `pip`, and `wheel`, installing `flavio` is extremely simple and can be done during the workshop. The only prerequisites are Python version 3.5 or above and the package manager `pip`. Chances are you already have both on your system. Run

```
python3 --version
pip3 --version # or python3 -m pip --version
```

to check it. If you do, congratulations! You can now install flavio with the command

```
pip3 install flavio --user
```

This should work on Linux, Mac OS, and Windows. If you encounter any problems, feel free to submit a bug report to

https://github.com/flav-io/flavio/issues.

If instead you don't have Python 3.5+ on your system, read on.

Installing Python and `pip`

Ubuntu 16.04 or newer

```
sudo apt install python3 python3-pip
```

Alternatively, use Miniconda.

Mac OS

Install `homebrew` if you don't have already. Then,

```
brew install python3
```

Alternatively, use Miniconda.

Windows

Use Miniconda.

Using Miniconda

Anaconda is a Python distribution with its own package manager (`conda`). It works on Linux, Mac OS, and Windows. Miniconda is the minimal version just installing Python, `conda`, and `pip`. Download the installer from

https://conda.io/miniconda.html

Note that with `conda`, it is also easy to create virtual environments using different versions of Python on the same system. This is useful e.g. when your system version of Python 3 is older than 3.5.