

Windows

```
=====
press Win + R
in the window type cmd # to open the terminal

cd Documents

py -m venv env_tools_3_10

env_tools_3_10\Scripts\activate

pip install -U pip

pip install jupyter

deactivate

create a desktop shortcut for env_tools_3_10\Scripts\jupyter-notebook.exe

change the start-in directory of the shortcut

double click the shortcut to launch jupyter notebook
```

=====

MacOS

```
cd Documents

python3 -m venv env_tools_3_10

source env_tools_3_10/bin/activate

pip install -U pip

pip install jupyter

deactivate

create a desktop alias for env_tools_3_10/bin/jupyter-notebook

double click the shortcut to launch jupyter notebook
```

===== Adding kernels

```
create the new virtual environment (new kernel) if it does not already exist
activate that virtual environment
upgrade pip is not yet done
```

```
pip install ipykernel          # if not yet done
```

Windows

```
python -m ipykernel install --name env_ds_3_10 --display-name "env_ds_310"
```

MacOS

```
sudo python -m ipykernel install --name env_ds_3_10 --display-name "env_ds_310"
```

```
deactivate
```

