If you never used Python, please follow these steps:

1. Download and install Anaconda: *https://docs.anaconda.com/anaconda/install/windows/*
2. Create and activate conda environment

*https://docs.conda.io/projects/conda/en/latest/user-guide/tasks/manage-environments.html*

conda create --name *env\_name* python=3.7

conda activate *env\_name* (replace *env\_name* with your environment name)

1. Install python packages

conda install GDAL

conda install -c http://pcraster.geo.uu.nl/pcraster/pcraster -c conda-forge pcraster=4.3.0\_rc1 # For using PCRaster to calculate predictors

conda install keras # for deep learning

Anaconda install Tensorflow # for deep learning - so far the easiest option for scaling tensorflow operations to gpu

other packages: numpy, pandas, matplotlib, spyder, Jupyter

4) open spyder or jupyter notebook from conda environment: conda spyder

Using jupyter notebook

Run jupyter on conda environment (CE), three ways

1. Conda install jupyter from CE
2. Source activate CE
3. Conda install ipykernel (might be the best)

Then: python -m ipykernel install --user --name=firstEnv