Install anaconda or miniconda on your computer

If you have an older cellpose  environment you can remove it with conda env remove -n cellpose before creating a new one.

If you are using a GPU, make sure its drivers and the cuda libraries are correctly installed.

1. Open an anaconda prompt / command prompt which has conda for **python 3** in the path
2. Create a new environment with conda create --name cellpose python=3.10. We recommend python 3.10, but python 3.9 and 3.11 will also work.
3. To activate this new environment, run conda activate cellpose
4. To install cellpose, run python -m pip install cellpose.

To upgrade cellpose (package [here](https://pypi.org/project/cellpose/)), run the following in the environment:

python -m pip install cellpose –upgrade

Install the following libraries in the created environment.

pip install pandas

pip install tifffile

pip install argparse

Also make sure, numpy, and scipy libraries are already available. If not, install those libraries as well.

Add the following to the “Path” System variable of your computer (in the window for changing environment variables):

For instance, if you have anaconda3 add the following paths to the list (make sure to add the correct file path for anaconda3 installation folder):

C:\Users\Guest\anaconda3\

C:\Users\ Guest \anaconda3\Scripts\

C:\Users\ Guest \anaconda3\Library\bin\

If MATLAB is already running, close and restart MATLAB.

If you opt for using celpose for cell segmentation, NeuroART supports files in “tif” format only.

Also make sure that the file path to the image file does not have any spaces.