

Virtual Environments

- 1) To create a virtual environment, run the Anaconda prompt program in the computer. It should open a terminal window.
- 2) Type "conda create --name Your_vir_env libraries_to_install". For example, the command will be as follows if you want to create a vir_env named py_vir and install jupyter notebook and keras: "conda create --name py_vir jupyter nb_conda ipykernel keras"

3) To load the virtual environment that you created, type "conda activate Your_vir_env". For example, to launch the virtual environment py_vir, type "conda activate py_vir".



4) After loading the virtual environment, you should see the left column of the prompt change from "base" to "Your_vir_env". The example shown below is when a virtual environment "py_vir" has been loaded.

5) To install other libraries after the virtual environment has been created, load in the virtual environment using step 4 and then type "conda install libraries_to_install". For example, if you want to install pandas, type "conda install pandas".



6) To launch jupyter notebook, load in the virtual environment using step 4 and then type "jupyter notebook". It will open a new tab in the internet browser.

For more information, refer to the conda cheat sheet (https://conda.io/docs/_downloads/conda-cheatsheet.pdf)