anaconda\_cheatsheet

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# Environments

## Activate an environment

source activate python2

## Copy an Environment

conda create --name <new\_env\_name> --clone <existing\_env\_name

## Create a New Environment

conda create --name python27\_env\_example

conda create --name python27\_env\_example python=2 pandas matplotlib

Note: python= defines python version.

pandas and matplotlib are packages to be installed by conda at env creation time.

## List Available Environments

conda info –envs

Note: \* indicates which environment is currently active.

# IDLE on a conda environment

1. From the command line, source activate <env\_name>. Make sure after you do this that there is a prompt with that envirnment name, indicating that that environment is active.
2. from the command line with the environment prefix, type idle at the command line.

# zsh Editor Config

Add the following to the .zshrc configuration file:

# User configuration

PATH="$PATH:$HOME/miniconda2/bin:/usr/bin:/bin:/usr/sbin:/sbin"

export PATH

# jupyter notebook

## Launch

bruce@mb-bbeauchamp bin $ ./jupyter-notebook

[I 07:23:49.235 NotebookApp] JupyterLab extension loaded from /Users/bruce/anaconda3/lib/python3.7/site-packages/jupyterlab

[I 07:23:49.235 NotebookApp] JupyterLab application directory is /Users/bruce/anaconda3/share/jupyter/lab

[I 07:23:49.237 NotebookApp] Serving notebooks from local directory: /Users/bruce/anaconda3/bin

[I 07:23:49.237 NotebookApp] The Jupyter Notebook is running at:

[I 07:23:49.237 NotebookApp] http://localhost:8888/?token=e2be9bbcac4b28cacd5ed88c7bd4a38d6a80025b056aa237

[I 07:23:49.237 NotebookApp] or http://127.0.0.1:8888/?token=e2be9bbcac4b28cacd5ed88c7bd4a38d6a80025b056aa237

[I 07:23:49.237 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).

[C 07:23:49.245 NotebookApp]

To access the notebook, open this file in a browser:

file:///Users/bruce/Library/Jupyter/runtime/nbserver-12664-open.html

Or copy and paste one of these URLs:

http://localhost:8888/?token=e2be9bbcac4b28cacd5ed88c7bd4a38d6a80025b056aa237

or http://127.0.0.1:8888/?token=e2be9bbcac4b28cacd5ed88c7bd4a38d6a80025b056aa237

[I 07:24:42.731 NotebookApp] Creating new notebook in

[I 07:24:43.541 NotebookApp] Kernel started: f7bbdd52-c0ee-449a-8f67-3fa5c2951bf4

[I 07:26:43.502 NotebookApp] Saving file at /Untitled.ipynb

# Packages

## Install a Specific Package

conda install scipy=0.15.0

## Install Packages Named in a File

conda install --file <file.txt>

## Install Packages Using pip

If packages are not available in conda, you may need to use pip to install a package. It works the same as using conda, more-or-less.

pip install geopy