Data Science With Python
Summer 2016

Virtual Environments

- We highly encourage that you use "virtual environments" for your Python projects.
- Canopy incorporates a [backport of Python 3's venv](), and is not compatible with virtualenv.
- Among the many differences between them are that virtualenv uses "activate_this", whereas venv uses "activate".
- Starting with Canopy 1.1, you can use Canopy's Command Line Interface (CLI) to create new virtual environments as either siblings or children of your Canopy User Python environment. More information in [this section of the Canopy User's Guide]().
- Basic usage pattern for this class with Enthought:

```
venv dsenv
source dsenv/bin/activate
pip install -r requirements.txt
```

- If you are using Anaconda or generic Python's virtualenv, type:

```
virtualenv dsenv
source dsenv/bin/activate
pip install -r requirements.txt
```