

Install Programs

Windows:

1. Install Anaconda
 - Follow link under “Regular Installation” for your OS: <https://conda.io/docs/user-guide/install/index.html>
 - Download your installer at: <https://www.anaconda.com/download/#windows>
2. Create a Virtual Environment (as your dedicated space for work with Tulsa Data Science Meetups): <https://uoa-ereseach.github.io/ereseach-cookbook/recipe/2014/11/20/conda/> (Conda Cheatsheet: <https://conda.io/docs/user-guide/cheatsheet.html>)
 - Create a virtualenvironment (I named mine “TDS”) and specify python=3.5

```
$ conda create -n TDS python=3.5 anaconda
```

- Activate your virtual environment can be done anytime within “conda command prompt” with:

```
$ activate TDS
```

3. Install Tensorflow: https://www.tensorflow.org/install/install_windows: follow steps 5+6 by putting the following (after activating your virtual environment):

```
(TDS)$ easy_install -U pip  
(TDS)$ pip3 install --upgrade tensorflow
```

4. Install Keras: <https://keras.io/>

```
(TDS)$ pip3 install keras
```

Installation complete!

5. Open Spyder (must be within activated environment!):

```
(TDS)$ spyder
```

OSX:

1. Install Anaconda:
 - Follow link under “Regular Installation” for your OS: <https://conda.io/docs/user-guide/install/index.html>
 - Download your installer at: <https://www.anaconda.com/download/#macos>
2. Create a Virtual Environment (as your dedicated space for work with Tulsa Data Science Meetups): <https://uoa-ereseach.github.io/ereseach-cookbook/recipe/2014/11/20/conda/> (Conda Cheatsheet: <https://conda.io/docs/user-guide/cheatsheet.html>)
 - Create a virtualenvironment (I named mine “TDS”) and specify python=3.5

```
$ conda create -n TDS python=3.5 anaconda
```

- Activate your virtual environment can be done anytime within terminal/bash with:

```
$ source activate TDS      #for MacOS
```

3. Install Tensorflow: https://www.tensorflow.org/install/install_mac: follow steps 5+6 by putting the following (after activating your virtual environment):

```
(TDS)$ easy_install -U pip
(TDS)$ pip install --upgrade tensorflow
```

4. Install Keras: <https://keras.io/>

```
(TDS)$ pip install keras
```

Installation complete!

5. Open Spyder (must be within activated environment!):

```
(TDS)$ spyder
```

