

How to install Theano, TensorFlow and Keras

For Mac users:

Open your main terminal or the Anaconda Prompt and enter the following commands:

```
pip install theano
pip install tensorflow
pip install keras
conda update --all
```

For Windows and Linux users:

In Spyder, go to Tools and Open Anaconda Prompt. Then enter the following commands:

1. Create a new environment with Anaconda and Python 3.5:

```
conda create -n tensorflow python=3.5 anaconda
```

2. Activate the environment:

```
activate tensorflow
```

3. After this you can install Theano, TensorFlow and Keras:

```
conda install theano
```

```
conda install mingw libpython
```

```
pip install tensorflow
```

```
pip install keras
```

4. Update the packages:

```
conda update --all
```

5. Run Spyder:

```
spyder
```

To install TensorFlow on your GPU (optional):

```
pip install tensorflow-gpu
```