

archive and extract it.

The network has been trained on a few different styles ([here](#)) and saved into [checkpoint files](#). Checkpoint files contain all the information about the trained network to apply styles to new images.

Dependencies

The easiest way to install all the packages needed to run this code is with [Miniconda](#), a smaller version of [Anaconda](#). Miniconda comes with Conda, a package and environment manager built specifically for data science. Install the Python 3 version of Miniconda appropriate for your operating system.

If you haven't used Conda before, please quickly run through the Anaconda lesson (Lesson 3 on this part).

Windows

For Windows, you'll need to install TensorFlow 0.12.1, Python 3.5, Pillow 3.4.2, scipy 0.18.1, and numpy 1.11.2. After installing Miniconda, open your command prompt. In there, enter these commands line by line:

```
conda create -n style-transfer python=3
activate style-transfer
conda install tensorflow scipy pillow
pip install moviepy
python -c "import imageio; imageio.plugins.ffmpeg.download()"
```

OS X and Linux

For OS X and Linux, you'll need to install TensorFlow 0.11.0, Python 2.7.9, Pillow 3.4.2, scipy 0.18.1, and numpy 1.11.2.

In your terminal, enter this commands line by line: