環境建置

1. Hardware requirements

The following GPU-enabled devices are supported:

NVIDIA® GPU card with CUDA® Compute Capability 3.5 or higher. See the list of CUDA-enabled GPU cards.

Software requirements

The following NVIDIA® software must be installed on your system:

- NVIDIA® GPU drivers —CUDA 10.0 requires 410.x or higher.
- CUDA® Toolkit —TensorFlow supports CUDA 10.0 (TensorFlow >= 1.13.0)
- CUPTI ships with the CUDA Toolkit.
- cuDNN SDK (>= 7.4.1)
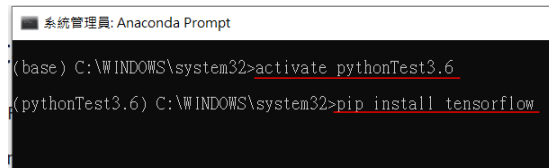- *(Optional)* TensorRT 5.0 to improve latency and throughput for inference on some models.

2. 下載、安裝 Anaconda,
   https://www.anaconda.com/

3. 開啟 Anaconda Navigator，建立 environment
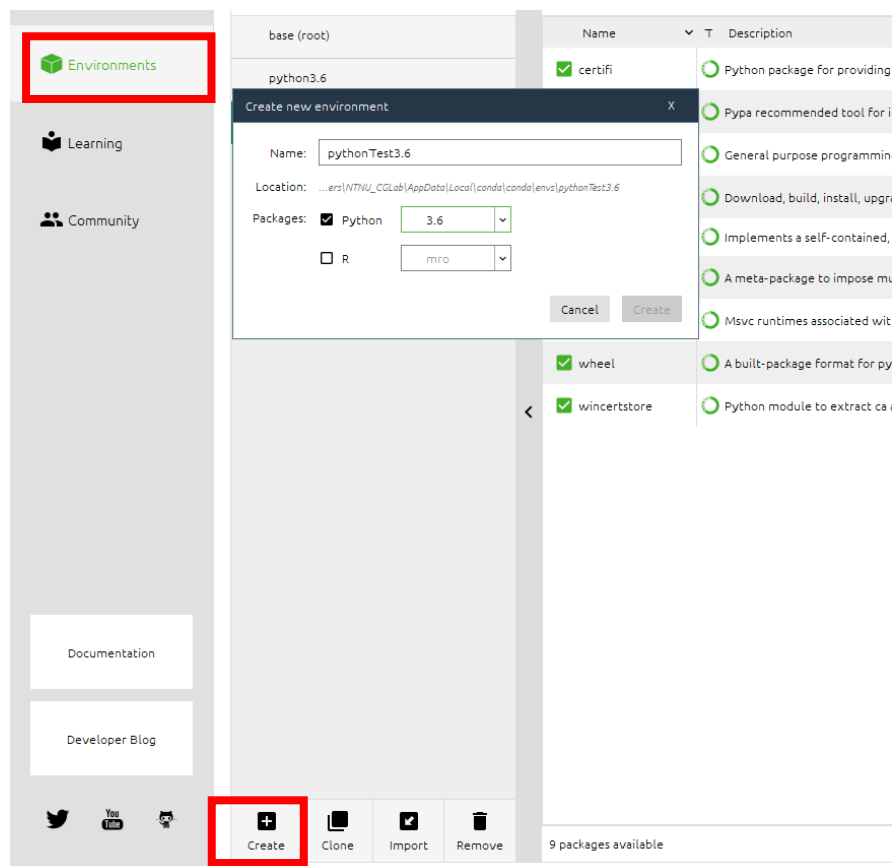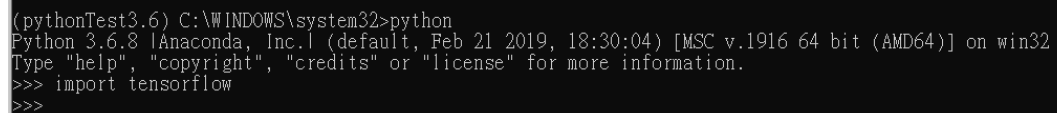
4. 以系統管理員開啟 Anaconda Prompt ，Activate 建立的環境
安裝 tensorflow、tensorflow-gpu、opencv、Matplotlib、pillow

pip install tensorflow

pip install tensorflow-gpu

pip install opencv-python

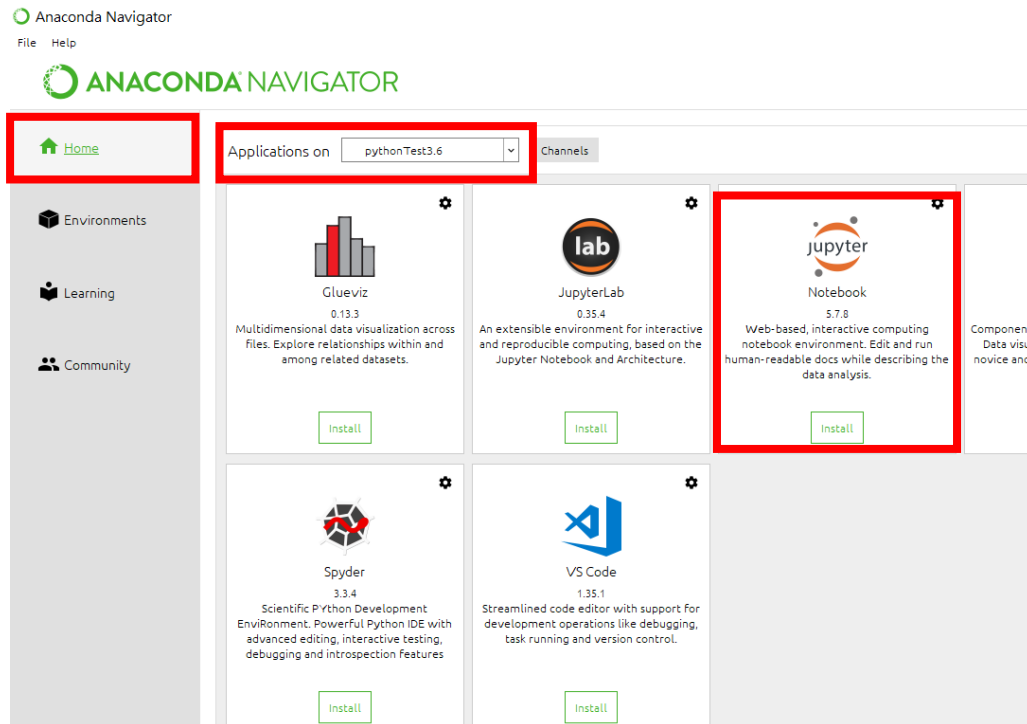pip install Matplotlib

pip install pillow

5. 測試 tensorflow 是否順利安裝 ：

如果有跳出錯誤，刪除後重新安裝
例如: No module named 'absl'
pip uninstall absl
pip install absl

6. 在環境中安裝 jupyter notebook、並 launch

7. 開啟 denoiser.ipynb，依序執行就 OK 了