**Documentation: Implementation of TensorFlow GPU (CUDA) in Windows**

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**Environment Set-Up**

1. Download Anaconda from <https://www.anaconda.com/products/individual> and Python from <https://www.python.org/downloads/>. Once Anaconda has been downloaded, run the command

*conda install -y jupyter*

#Suggestion: Remember to TICK set-up the environment path during the installation process of Anaconda

1. To set-up the TensorFlow GPU (CUDA) and its compatible environment, please refer to this YouTube link <https://www.youtube.com/watch?v=qrkEYf-YDyI&list=PLjy4p-07OYzulelvJ5KVaT2pDlxivl_BN>.
2. Copy the script from<https://github.com/JJLim99/Implementation-of-TensorFlow-GPU-CUDA-in-Windows/blob/master/gpu.yml> and save it as gpu.yml. (Remember where you save this file)
3. Open cmd, go to the file location where you save gpu.yml. Then, run the following command:

*conda env create -v -f gpu.yml*

*conda activate gpu*

*python -m ipykernel install --user --name gpu --display-name "Python (GPU)"*

# To test you environment, copy the script from <https://github.com/JJLim99/Implementation-of-TensorFlow-GPU-CUDA-in-Windows/blob/master/Version.ipynb> and paste it to your new python script in jupyter notebook. (Remember that you must in the tensorflow environment)