

## Instructions for Tensorflow Object Detection

# Choose a folder of your choice and open command prompt (cmd) in that folder

# Open cmd and execute the following commands.

1. Create a separate Virtual Environment

```
python -m venv tensor *
```

\* 'tensor' is the name of the virtual environment. Choose the one of your choice

2. Activating the above created virtual environments

```
.\tensor\scripts\activate
```

3. Install the basic dependencies and add the above created environment to Python Kernel

```
python -m pip install --upgrade pip
```

```
pip install ipykernel
```

```
python -m ipykernel install --user --name=tensor
```

4. Open Jupyter notebook

```
jupyter notebook
```

5. Install CUDA and cuDNN if you want to run the model in GPU based on your TF version

<https://www.tensorflow.org/install/gpu>

<https://docs.nvidia.com/deeplearning/cudnn/install-guide/index.html>

