

# Hyak\_tensorflow

Below instructions are for mox.hyak. Below abc is your userid and xyz is your Hyak group.

See the section on "Install Anaconda Python" to install your own copy of Anaconda Python.

[Hyak python programming](#)

Use your own copy of Anaconda Python for the below steps.

## Installing Tensorflow

Below steps are to install tensorflow using conda. (Do not use pip to install tensorflow.)

```
srun -p build --time=2:00:00 --mem=20G --pty /bin/bash
pip uninstall tensorflow      (This step is to uninstall any prior pip install of tensorflow.)
conda create --name tensorflowenv
source activate tensorflowenv
conda install tensorflow
exit
```

## Using Tensorflow

After, the above install of tensorflow, you can use tensorflow by using the below steps:

```
srun -p xyz -A xyz --nodes=1 --ntasks-per-node=28 --time=2:00:00 --mem=100G --pty /bin/bash
source activate tensorflowenv
python
import tensorflow as tf
```