1. Install tflearn

<http://tflearn.org/installation/>

2. Run MNIST on local machine to check how input data looks – both trainset and target

<https://github.com/tflearn/tflearn/blob/master/examples/images/convnet_mnist.py>

3. Change ur input data accordingly

4. Run base case without image augmentation

5. Learn visualizations in tensorboard

To run TensorBoard, use the command

tensorboard --logdir='/tmp/tflearn\_logs'

Maybe I can do all of the above on MNIST data. Save model. Reload model etc

*# Load a model*

model.load('my\_model.tflearn')

On Amazon

Open the community AMI

Install TFlearn

<http://tflearn.org/installation/>

Install Scipy

<https://ivanshn.wordpress.com/2012/08/07/installing-scipy-for-python-on-amazon-linux-ec2/>

<http://dacamo76.com/blog/2012/12/07/installing-scikit-learn-on-amazon-ec2/>

Create your own AMI

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/creating-an-ami-ebs.html>

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-creating-snapshot.html>

Check volume id of an instance from:

<https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#Volumes:sort=desc:createTime>

<http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/ebs-describing-volumes.html>

