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99.75% Accuracy

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Images created by augmentation (randomly rotated and cropped)

100 images, this ensemble of CNNs

from the best published model

include data augmentation, no ReLU activation, ensembling, batch normalization, and ada

MNIST with 99.75% Accuracy

Load Libraries

Load Kaggle's 60K training images

Generate 25 million more images!!

Build 15 Convolutional Neural Networks

Architectural highlights

Train 15 CNNs

Ensemble 15 CNN predictions and...

How much more accuracy is...

Credits

CNN Performance

otter's Kernel.

GPU and want to GPU then.

```
import tensorflow as tf
GPUs Available: ", len(tf.config.experimental.list_physical_devices('GPU'))
TPUs Available: ", len(tf.config.experimental.list_physical_devices('TPU'))
CPUs Available: ", len(tf.config.experimental.list_physical_devices('CPU'))
```