

File - mnist_keras_tensorboard

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1 "C:\Program Files\Anaconda3\python.exe" "D:/Program Files/JetBrains/local anacondapy3/tensorboard/
mnist_keras_tensorboard.py"
2 Using TensorFlow backend.
3 60000 train samples
4 10000 test samples
5
6 Layer (type)          Output Shape          Param #
7 -----
8 input_dense (Dense)    (None, 512)           401920
9
10 input_drop (Dropout)   (None, 512)           0
11
12 dense (Dense)          (None, 512)           262656
13
14 drop (Dropout)         (None, 512)           0
15
16 output (Dense)         (None, 10)            5130
17 -----
18 Total params: 669,706
19 Trainable params: 669,706
20 Non-trainable params: 0
21
22 2019-10-15 11:08:27.913705: I tensorflow/core/platform/cpu_feature_guard.cc:141] Your CPU supports
instructions that this TensorFlow binary was not compiled to use: AVX AVX2
23 Train on 60000 samples, validate on 10000 samples
24 2019-10-15 11:08:27.915705: I tensorflow/core/common_runtime/process_util.cc:69] Creating new thread pool
with default inter op setting: 8. Tune using inter_op_parallelism_threads for best performance.
25 Epoch 1/3
26   - 5s - loss: 0.2458 - acc: 0.9245 - val_loss: 0.1100 - val_acc: 0.9659
27 Epoch 2/3
28   - 6s - loss: 0.1019 - acc: 0.9688 - val_loss: 0.0917 - val_acc: 0.9712
29 Epoch 3/3
30   - 7s - loss: 0.0760 - acc: 0.9768 - val_loss: 0.0826 - val_acc: 0.9771
31 Test loss: 0.08261072837858228
32 Test accuracy: 0.9771
33
34 Process finished with exit code 0
35

```