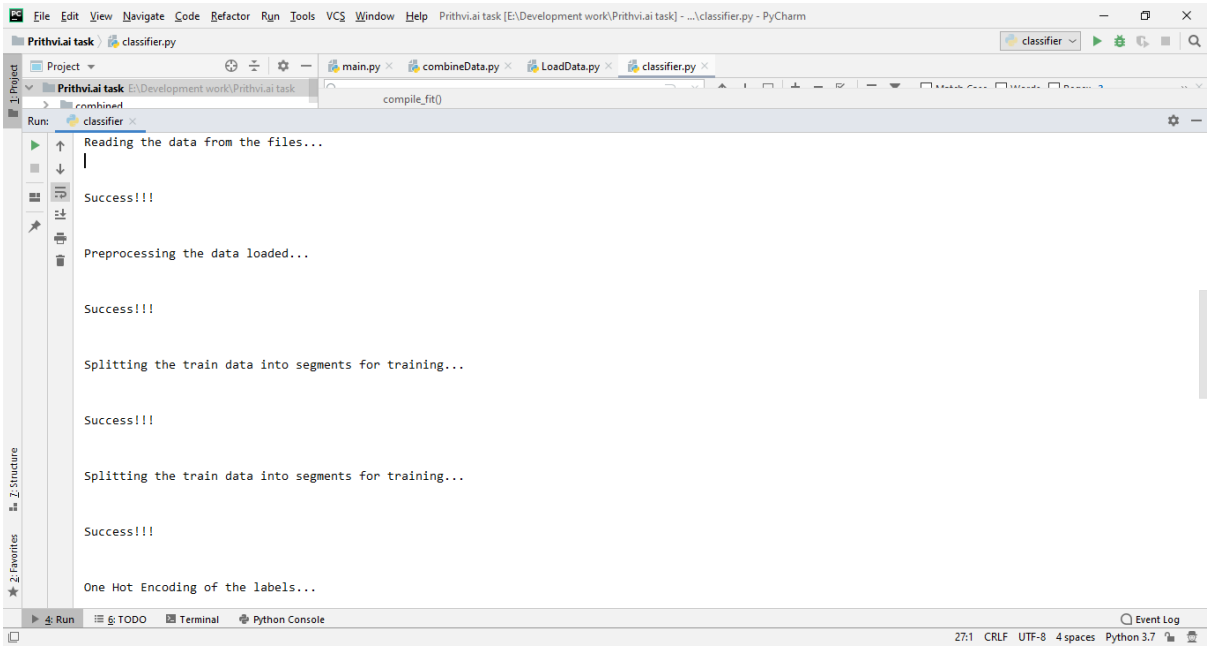
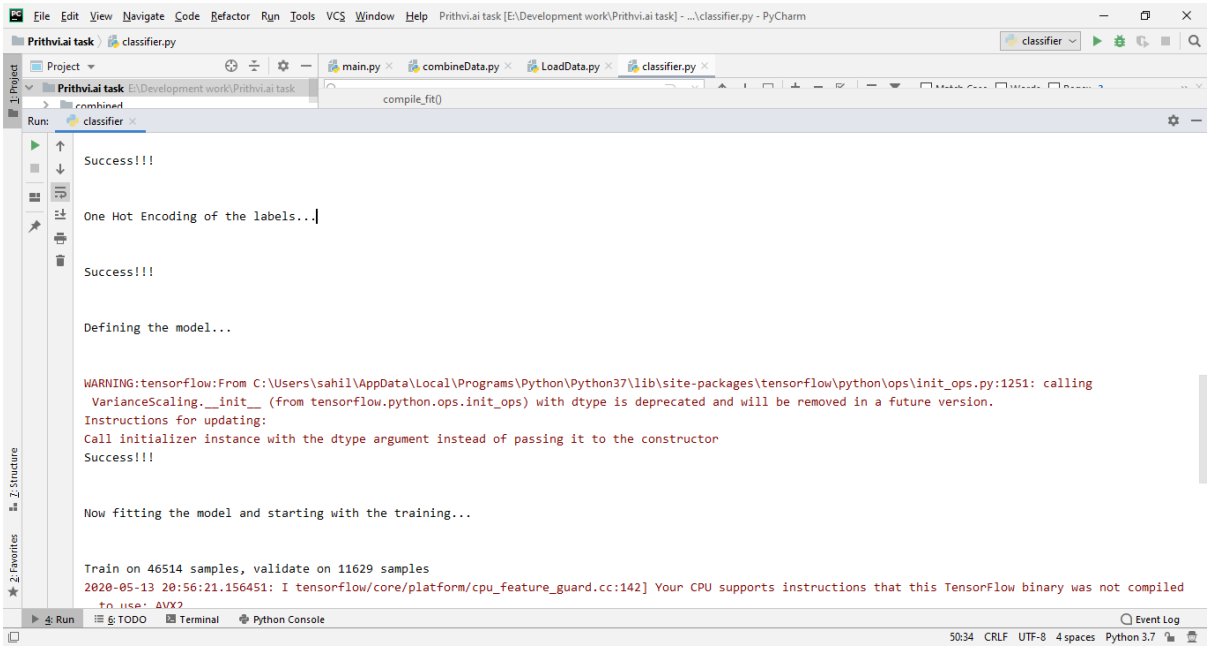
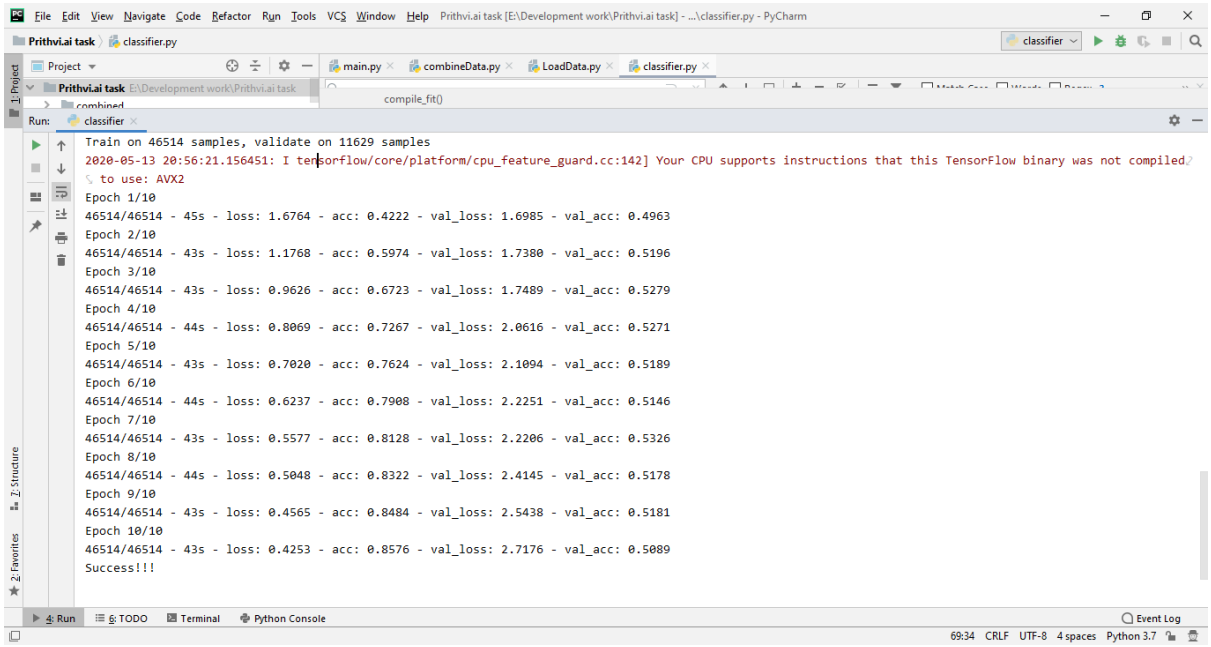
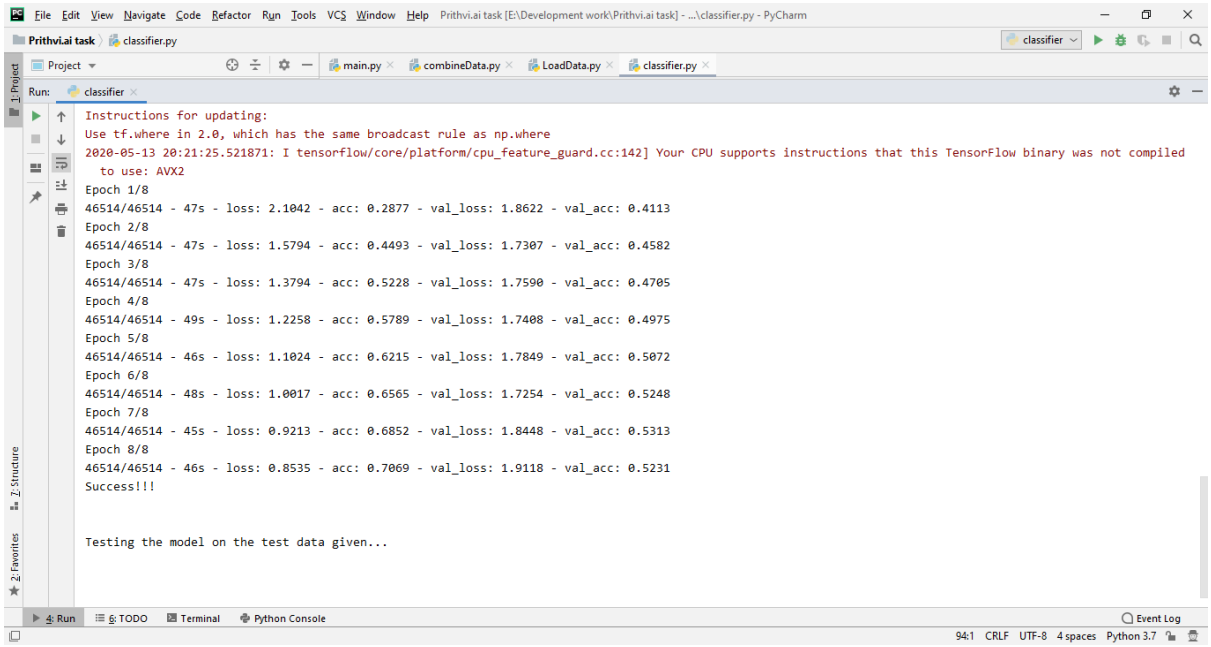
SUBMISSION FILE FOR MACHINE LEARNING TASK

SCREENSHOTS OF ACCURACY






File Edit View Navigate Code Refactor Run Tools VCS Window Help Prithvi.ai task [E:\Development work\Prithvi.ai task] - ...\classifier.py - PyCharm
Prithvi.ai task classifier.py
classifier
Project
main.py
combineData.py
LoadData.py
classifier.py
Prithvi.ai task E:\Development work\Prithvi.ai task
combined
compile_fit()
Run:
classifier
Train on 46514 samples, validate on 11629 samples
2020-05-13 20:56:21.156451: I tensorflow/core/platform/cpu_feature_guard.cc:142] Your CPU supports instructions that this TensorFlow binary was not compiled
to use: AVX2
Epoch 1/10
46514/46514 - 45s - loss: 1.6764 - acc: 0.4222 - val_loss: 1.6985 - val_acc: 0.4963
Epoch 2/10
46514/46514 - 43s - loss: 1.1768 - acc: 0.5974 - val_loss: 1.7380 - val_acc: 0.5196
Epoch 3/10
46514/46514 - 43s - loss: 0.9626 - acc: 0.6723 - val_loss: 1.7489 - val_acc: 0.5279
Epoch 4/10
46514/46514 - 44s - loss: 0.8069 - acc: 0.7267 - val_loss: 2.0616 - val_acc: 0.5271
Epoch 5/10
46514/46514 - 43s - loss: 0.7020 - acc: 0.7624 - val_loss: 2.1094 - val_acc: 0.5189
Epoch 6/10
46514/46514 - 44s - loss: 0.6237 - acc: 0.7908 - val_loss: 2.2251 - val_acc: 0.5146
Epoch 7/10
46514/46514 - 43s - loss: 0.5577 - acc: 0.8128 - val_loss: 2.2206 - val_acc: 0.5326
Epoch 8/10
46514/46514 - 44s - loss: 0.5048 - acc: 0.8322 - val_loss: 2.4145 - val_acc: 0.5178
Epoch 9/10
46514/46514 - 43s - loss: 0.4565 - acc: 0.8484 - val_loss: 2.5438 - val_acc: 0.5181
Epoch 10/10
46514/46514 - 43s - loss: 0.4253 - acc: 0.8576 - val_loss: 2.7176 - val_acc: 0.5089
Success!!!
4: Run
6: TODO
Terminal
Python Console
Event Log
69:34 CRLF UTF-8 4 spaces Python 3.7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Prithvi.ai task classifier.py
classifier
Project
main.py
combineData.py
LoadData.py
classifier.py
Run:
classifier
Instructions for updating:
Use tf.where in 2.0, which has the same broadcast rule as np.where
2020-05-13 20:21:25.521871: I tensorflow/core/platform/cpu_feature_guard.cc:142] Your CPU supports instructions that this TensorFlow binary was not compiled
to use: AVX2
Epoch 1/8
46514/46514 - 47s - loss: 2.1042 - acc: 0.2877 - val_loss: 1.8622 - val_acc: 0.4113
Epoch 2/8
46514/46514 - 47s - loss: 1.5794 - acc: 0.4493 - val_loss: 1.7307 - val_acc: 0.4582
Epoch 3/8
46514/46514 - 47s - loss: 1.3794 - acc: 0.5228 - val_loss: 1.7590 - val_acc: 0.4705
Epoch 4/8
46514/46514 - 49s - loss: 1.2258 - acc: 0.5789 - val_loss: 1.7408 - val_acc: 0.4975
Epoch 5/8
46514/46514 - 46s - loss: 1.1024 - acc: 0.6215 - val_loss: 1.7849 - val_acc: 0.5072
Epoch 6/8
46514/46514 - 48s - loss: 1.0017 - acc: 0.6565 - val_loss: 1.7254 - val_acc: 0.5248
Epoch 7/8
46514/46514 - 45s - loss: 0.9213 - acc: 0.6852 - val_loss: 1.8448 - val_acc: 0.5313
Epoch 8/8
46514/46514 - 46s - loss: 0.8535 - acc: 0.7069 - val_loss: 1.9118 - val_acc: 0.5231
Success!!!
Testing the model on the test data given...
4: Run
6: TODO
Terminal
Python Console
Event Log
94:1 CRLF UTF-8 4 spaces Python 3.7