File - KerasTunerDeagan 1 C:\Users\jdeagan\AppData\Local\Programs\Python\Python39\python.exe "C:/Users/jdeagan/OneDrive -Environmental Protection Agency (EPA)/Profile/Desktop/Projects/AI/Taha_All_ProjectsandOther/ BuildingIdentifier/ImageAnnotation/KerasTunerDeagan.py" 2 2021-09-16 15:07:07.286857: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'cudart64_110.dll'; dlerror: cudart64_110.dll not found 3 2021-09-16 15:07:07.420650: I tensorflow/stream_executor/cuda/cudart_stub.cc:29] Ignore above cudart dlerror if you do not have a GPU set up on your machine. 4 THIS IS THE PROPER KERAS TUNER 5 2.6.0 6 Found 7811 files belonging to 6 classes. 7 Using 6249 files for training. 8 2021-09-16 15:12:34.070071: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not load dynamic library 'nvcuda.dll'; dlerror: nvcuda.dll not found 9 2021-09-16 15:12:34.070540: W tensorflow/stream_executor/cuda/cuda_driver.cc:269] failed call to cuInit : UNKNOWN ERROR (303) 10 2021-09-16 15:12:34.163973: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:169] retrieving CUDA diagnostic information for host: LZ26JDEAGAN 11 2021-09-16 15:12:34.164449: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:176] hostname: LZ26JDEAGAN 12 2021-09-16 15:12:34.208358: I tensorflow/core/platform/cpu_feature_guard.cc:142] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (oneDNN) to use the following CPU instructions in performance-critical operations: AVX AVX2 13 To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags. 14 Found 7811 files belonging to 6 classes. 15 Using 1562 files for validation. 16 Found 864 files belonging to 6 classes. 17 Model: "sequential" 21 rescaling (Rescaling) (None, 256, 256, 3) 0
22 ______ 23 random_flip (RandomFlip) (None, 256, 256, 3) 0 24 _____ 25 random_rotation (RandomRotat (None, 256, 256, 3) 0 26 ______ 27 conv2d (Conv2D) (None, 254, 254, 32) 896 28 _____ 29 max_pooling2d (MaxPooling2D) (None, 127, 127, 32) 0 30 _____ 31 batch_normalization (BatchNo (None, 127, 127, 32) 128 32 _____ 33 flatten (Flatten) (None, 516128) 0 34 _____ 35 dense (Dense) (None, 64) 33032256 36 ______ 37 dense_1 (Dense) (None, 6) 390 39 Total params: 33,033,670 40 Trainable params: 33,033,606 41 Non-trainable params: 64 43 Epoch 1/10 44 2021-09-16 15:12:38.128401: I tensorflow/compiler/mlir/mlir_graph_optimization_pass.cc:185] None of the MLIR Optimization Passes are enabled (registered 2) 45 :51.708620: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile :55.687083: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile 5/196 [...... 0.25002021-09-16 15:12 47 :57.692849: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile 48 13/196 [>...... 0.31012021-09-16 15:13 :10.248104: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile 49 47/196 [======>.....] - ETA: 4:36 - loss: 30.0496 - accuracy: 0.31912021-09-16 15:14 :16.167288: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile

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File - KerasTunerDeagan
 50 48/196 [======>..............] - ETA: 4:34 - loss: 29.5068 - accuracy: 0.32032021-09-16 15:
   14:17.164478: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 51 54/196 [=======>............] - ETA: 4:20 - loss: 26.6975 - accuracy: 0.33852021-09-16 15:
   14:27.810436: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 52 58/196 [=======>.....] - ETA: 4:10 - loss: 25.1337 - accuracy: 0.34382021-09-16 15:
   14:34.347799: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 53 59/196 [=======>...........] - ETA: 4:07 - loss: 24.7751 - accuracy: 0.34482021-09-16 15:
   14:36.288260: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
   64/196 [=======>.............] - ETA: 3:57 - loss: 23.1503 - accuracy: 0.35162021-09-16 15:
   14:44.870640: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
   75/196 [========>.....] - ETA: 3:35 - loss: 20.3147 - accuracy: 0.36002021-09-16 15:
   15:02.905044: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
   77/196 [========>...........] - ETA: 3:33 - loss: 19.8864 - accuracy: 0.36402021-09-16 15:
   15:07.566208: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 57 83/196 [=========>.....] - ETA: 3:23 - loss: 18.7160 - accuracy: 0.36632021-09-16 15:
   15:17.524882: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 58 88/196 [=========>.....] - ETA: 3:14 - loss: 17.9035 - accuracy: 0.36512021-09-16 15:
   15:26.275861: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 59 94/196 [==========>.....] - ETA: 3:03 - loss: 16.9784 - accuracy: 0.37002021-09-16 15:
   15:38.109789: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 60 98/196 [===========>.....] - ETA: 2:56 - loss: 16.4240 - accuracy: 0.37602021-09-16 15:
   15:45.270408: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 61 111/196 [===========>.....] - ETA: 2:50 - loss: 14.8858 - accuracy: 0.38742021-09-16 15:
   16:31.327578: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 62 119/196 [==============>.....] - ETA: 2:35 - loss: 14.0943 - accuracy: 0.38842021-09-16 15:
   16:47.984671: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 63 121/196 [==============>.....] - ETA: 2:32 - loss: 13.9111 - accuracy: 0.39102021-09-16 15:
   16:54.830291: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 64 124/196 [==============>.....] - ETA: 2:35 - loss: 13.6471 - accuracy: 0.39342021-09-16 15:
   17:16.070250: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 65 2021-09-16 15:17:16.648876: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
 66 128/196 [===============>.....] - ETA: 2:28 - loss: 13.3172 - accuracy: 0.39622021-09-16 15:
   17:26.822092: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 67 131/196 [================>.....] - ETA: 2:21 - loss: 13.0795 - accuracy: 0.39772021-09-16 15:
   17:32.645327: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 68 132/196 [================>.....] - ETA: 2:18 - loss: 13.0025 - accuracy: 0.39892021-09-16 15:
   17:34.891244: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 69 135/196 [================>.....] - ETA: 2:11 - loss: 12.7793 - accuracy: 0.39792021-09-16 15:
   17:39.065692: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 17:41.773273: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 71 2021-09-16 15:17:41.780566: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
 72 154/196 [=====================>.....] - ETA: 1:28 - loss: 11.5592 - accuracy: 0.40102021-09-16 15:
   18:12.127448: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 73 165/196 [======================>.....] - ETA: 1:04 - loss: 10.9768 - accuracy: 0.39942021-09-16 15:
   18:29.764971: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 :39.005995: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 :41.222354: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 35.144369: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
 77 2021-09-16 15:19:37.164153: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
 78 2021-09-16 15:19:41.680745: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
 79 2021-09-16 15:20:13.688278: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
 80 2021-09-16 15:20:13.866249: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
 81 2021-09-16 15:20:42.104709: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
 2.6676 - val_accuracy: 0.4795
 83 Epoch 2/10
```

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File - KerasTunerDeagan
 2.3114 - val_accuracy: 0.4776
 85 Epoch 3/10
 2.3105 - val_accuracy: 0.4264
 87 Epoch 4/10
 1.9034 - val_accuracy: 0.4782
 89 Epoch 5/10
 : 1.6797 - val_accuracy: 0.4795
 91 Epoch 6/10
 : 1.5968 - val_accuracy: 0.4782
 93 Epoch 7/10
 1.5134 - val_accuracy: 0.4699
 95 Epoch 8/10
 1.4895 - val_accuracy: 0.4789
 97 Epoch 9/10
 1.4470 - val_accuracy: 0.4789
99 Epoch 10/10
1.6891 - val_accuracy: 0.4782
101 2021-09-16 17:25:36.324513: I tensorflow/core/kernels/data/shuffle_dataset_op.cc:175] Filling up
   shuffle buffer (this may take a while): 0 of 256
102 2021-09-16 17:25:38.117430: I tensorflow/core/kernels/data/shuffle_dataset_op.cc:175] Filling up
   shuffle buffer (this may take a while): 1 of 256
103 2021-09-16 17:25:47.923558: I tensorflow/core/kernels/data/shuffle_dataset_op.cc:175] Filling up
   shuffle buffer (this may take a while): 121 of 256
104 2021-09-16 17:25:50.344164: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
105 2021-09-16 17:25:55.998937: I tensorflow/core/kernels/data/shuffle_dataset_op.cc:228] Shuffle buffer
   filled.
.149339: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
107 10/27 [========>.....] - ETA: 34s - loss: 1.6947 - accuracy: 0.49062021-09-16 17:26:17
   .077694: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
108 2021-09-16 17:26:17.526736: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
    sRGB profile
109 2021-09-16 17:26:17.597885: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'desc': ICC profile tag start not a multiple of 4
110 2021-09-16 17:26:17.638367: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'wtpt': ICC profile tag start not a multiple of 4
111 2021-09-16 17:26:17.848584: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'bkpt': ICC profile tag start not a multiple of 4
112 2021-09-16 17:26:17.990731: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'rXYZ': ICC profile tag start not a multiple of 4
113 2021-09-16 17:26:18.078762: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'gXYZ': ICC profile tag start not a multiple of 4
114 2021-09-16 17:26:18.102708: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'bXYZ': ICC profile tag start not a multiple of 4
115 2021-09-16 17:26:18.103112: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'dmnd': ICC profile tag start not a multiple of 4
116 2021-09-16 17:26:18.103502: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'dmdd': ICC profile tag start not a multiple of 4
117 2021-09-16 17:26:18.103888: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'vued': ICC profile tag start not a multiple of 4
118 2021-09-16 17:26:18.140292: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'view': ICC profile tag start not a multiple of 4
119 2021-09-16 17:26:18.201515: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'lumi': ICC profile tag start not a multiple of 4
120 2021-09-16 17:26:18.268599: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
   Profile': 'meas': ICC profile tag start not a multiple of 4
121 2021-09-16 17:26:18.269018: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
                                       Page 3 of 4
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File - KerasTunerDeagan 121 Profile': 'tech': ICC profile tag start not a multiple of 4

122 2021-09-16 17:26:18.269406: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC

Profile': 'rTRC': ICC profile tag start not a multiple of 4

123 2021-09-16 17:26:18.269795: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC Profile': 'gTRC': ICC profile tag start not a multiple of 4

124 2021-09-16 17:26:18.270122: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC Profile': 'bTRC': ICC profile tag start not a multiple of 4

125 17/27 [============>.....] - ETA: 18s - loss: 1.7109 - accuracy: 0.47982021-09-16 17:26:28 .178724: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile

127 Accuracy: 0.48032405972480774

128 Loss: 1.7134193181991577

129 end

130