

KerasTunerDeagan

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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 2021-09-17 08:33:12.249451: 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 2021-09-17 08:33:12.250351: 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 2021-09-17 08:34:08.990551: W tensorflow/stream_executor/platform/default/dso_loader.cc:64] Could not
  load dynamic library 'nvcuda.dll'; dlerror: nvcuda.dll not found
9 2021-09-17 08:34:08.990917: W tensorflow/stream_executor/cuda/cuda_driver.cc:269] failed call to cuInit
  : UNKNOWN ERROR (303)
10 2021-09-17 08:34:09.001095: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:169] retrieving CUDA
  diagnostic information for host: LZ26JDEAGAN
11 2021-09-17 08:34:09.001528: I tensorflow/stream_executor/cuda/cuda_diagnostics.cc:176] hostname:
  LZ26JDEAGAN
12 2021-09-17 08:34:09.174722: 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"
18 -----
19 Layer (type)                Output Shape                Param #
20 =====
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 conv2d_1 (Conv2D)           (None, 125, 125, 64)        18496
34 -----
35 max_pooling2d_1 (MaxPooling2 (None, 62, 62, 64)          0
36 -----
37 batch_normalization_1 (Batch (None, 62, 62, 64)          256
38 -----
39 flatten (Flatten)           (None, 246016)              0
40 -----
41 dense (Dense)               (None, 64)                  15745088
42 -----
43 dense_1 (Dense)             (None, 6)                   390
44 =====
45 Total params: 15,765,254
46 Trainable params: 15,765,062
47 Non-trainable params: 192
48 -----
49 Epoch 1/10
50 2021-09-17 08:34:12.528805: I tensorflow/compiler/mlir/mlir_graph_optimization_pass.cc:185] None of the
  MLIR Optimization Passes are enabled (registered 2)
51 2021-09-17 08:34:18.419182: W tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of
  264257536 exceeds 10% of free system memory.
52 2021-09-17 08:34:20.792180: W tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of
  264257536 exceeds 10% of free system memory.
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53 1/196 [.....] - ETA: 31:44 - loss: 3.2975 - accuracy: 0.06252021-09-17 08:
34:21.742476: W tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of 264257536 exceeds 10
% of free system memory.
54 2021-09-17 08:34:23.263109: W tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of
264257536 exceeds 10% of free system memory.
55 2/196 [.....] - ETA: 8:04 - loss: 25.4919 - accuracy: 0.23442021-09-17 08:
34:24.234138: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
56 2021-09-17 08:34:24.242375: W tensorflow/core/framework/cpu_allocator_impl.cc:80] Allocation of
264257536 exceeds 10% of free system memory.
57 4/196 [.....] - ETA: 8:00 - loss: 35.1218 - accuracy: 0.21092021-09-17 08:
34:29.683390: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
58 5/196 [.....] - ETA: 7:53 - loss: 41.1253 - accuracy: 0.20622021-09-17 08:
34:32.316338: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
59 13/196 [>.....] - ETA: 7:28 - loss: 37.0827 - accuracy: 0.26682021-09-17 08:
34:51.522939: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
60 45/196 [=====>.....] - ETA: 6:09 - loss: 36.0403 - accuracy: 0.30282021-09-17 08:
36:09.274320: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
61 46/196 [=====>.....] - ETA: 6:06 - loss: 36.0532 - accuracy: 0.30432021-09-17 08:
36:11.428070: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
62 55/196 [=====>.....] - ETA: 5:43 - loss: 35.5435 - accuracy: 0.30452021-09-17 08:
36:33.071984: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
63 58/196 [=====>.....] - ETA: 5:35 - loss: 35.1836 - accuracy: 0.31032021-09-17 08:
36:40.176815: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
64 59/196 [=====>.....] - ETA: 5:33 - loss: 35.1603 - accuracy: 0.31142021-09-17 08:
36:42.829655: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
65 64/196 [=====>.....] - ETA: 5:21 - loss: 34.6607 - accuracy: 0.30912021-09-17 08:
36:55.050627: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
66 72/196 [=====>.....] - ETA: 5:02 - loss: 33.4509 - accuracy: 0.30642021-09-17 08:
37:15.633184: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
67 75/196 [=====>.....] - ETA: 4:55 - loss: 32.7552 - accuracy: 0.30582021-09-17 08:
37:22.496541: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
68 81/196 [=====>.....] - ETA: 4:40 - loss: 31.8343 - accuracy: 0.31132021-09-17 08:
37:36.723280: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
69 86/196 [=====>.....] - ETA: 4:28 - loss: 30.9652 - accuracy: 0.31142021-09-17 08:
37:48.930855: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
70 91/196 [=====>.....] - ETA: 4:16 - loss: 30.1748 - accuracy: 0.31462021-09-17 08:
38:02.058080: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
71 95/196 [=====>.....] - ETA: 4:06 - loss: 29.6456 - accuracy: 0.31582021-09-17 08:
38:12.425547: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
72 108/196 [=====>.....] - ETA: 3:35 - loss: 27.5530 - accuracy: 0.32262021-09-17 08:
38:43.515784: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
73 116/196 [=====>.....] - ETA: 3:15 - loss: 26.4044 - accuracy: 0.32302021-09-17 08:
39:02.634559: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
74 119/196 [=====>.....] - ETA: 3:07 - loss: 25.9658 - accuracy: 0.32172021-09-17 08:
39:09.406949: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
75 121/196 [=====>.....] - ETA: 3:02 - loss: 25.6281 - accuracy: 0.32132021-09-17 08:
39:14.792143: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
76 2021-09-17 08:39:16.020273: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
sRGB profile
77 126/196 [=====>.....] - ETA: 2:50 - loss: 24.9189 - accuracy: 0.32242021-09-17 08:
39:28.089393: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
78 129/196 [=====>.....] - ETA: 2:43 - loss: 24.4907 - accuracy: 0.32462021-09-17 08:
39:33.873004: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
79 130/196 [=====>.....] - ETA: 2:40 - loss: 24.3777 - accuracy: 0.32522021-09-17 08:
39:36.606245: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
80 133/196 [=====>.....] - ETA: 2:33 - loss: 23.9766 - accuracy: 0.32472021-09-17 08:
39:44.572957: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
81 135/196 [=====>.....] - ETA: 2:29 - loss: 23.7157 - accuracy: 0.32552021-09-17 08:
39:49.323939: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
82 2021-09-17 08:39:49.417381: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
sRGB profile
83 153/196 [=====>.....] - ETA: 1:45 - loss: 21.6865 - accuracy: 0.33502021-09-17 08:
40:34.994107: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
84 165/196 [=====>.....] - ETA: 1:16 - loss: 20.4789 - accuracy: 0.33582021-09-17 08:
41:07.099573: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
85 171/196 [=====>....] - ETA: 1:01 - loss: 19.9155 - accuracy: 0.33882021-09-17 08:
41:20.924633: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
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86 173/196 [=====>....] - ETA: 56s - loss: 19.7468 - accuracy: 0.33912021-09-17 08:41
:24.953815: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
87 196/196 [=====] - ETA: 0s - loss: 18.0166 - accuracy: 0.34442021-09-17 08:43:
03.586698: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
88 2021-09-17 08:43:05.231105: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
sRGB profile
89 2021-09-17 08:43:07.349134: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
sRGB profile
90 2021-09-17 08:43:30.423192: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
sRGB profile
91 2021-09-17 08:43:30.713812: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
sRGB profile
92 2021-09-17 08:43:46.345969: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
sRGB profile
93 196/196 [=====] - 584s 3s/step - loss: 18.0166 - accuracy: 0.3444 - val_loss
: 3.0715 - val_accuracy: 0.4795
94 Epoch 2/10
95 196/196 [=====] - 661s 3s/step - loss: 3.4142 - accuracy: 0.4301 - val_loss:
2.9382 - val_accuracy: 0.4795
96 Epoch 3/10
97 196/196 [=====] - 775s 4s/step - loss: 2.8896 - accuracy: 0.4494 - val_loss:
2.7393 - val_accuracy: 0.4795
98 Epoch 4/10
99 196/196 [=====] - 981s 5s/step - loss: 2.6684 - accuracy: 0.4521 - val_loss:
2.5521 - val_accuracy: 0.4776
100 Epoch 5/10
101 196/196 [=====] - 1091s 6s/step - loss: 2.4817 - accuracy: 0.4569 - val_loss
: 2.3810 - val_accuracy: 0.4789
102 Epoch 6/10
103 196/196 [=====] - 968s 5s/step - loss: 2.3025 - accuracy: 0.4542 - val_loss:
2.1814 - val_accuracy: 0.4782
104 Epoch 7/10
105 196/196 [=====] - 819s 4s/step - loss: 2.1290 - accuracy: 0.4534 - val_loss:
2.0428 - val_accuracy: 0.4776
106 Epoch 8/10
107 196/196 [=====] - 876s 4s/step - loss: 2.0005 - accuracy: 0.4550 - val_loss:
1.9045 - val_accuracy: 0.4802
108 Epoch 9/10
109 196/196 [=====] - 908s 5s/step - loss: 1.9382 - accuracy: 0.4526 - val_loss:
1.8472 - val_accuracy: 0.4789
110 Epoch 10/10
111 196/196 [=====] - 882s 4s/step - loss: 1.8164 - accuracy: 0.4540 - val_loss:
1.7247 - val_accuracy: 0.4782
112 2021-09-17 10:57:18.456378: I tensorflow/core/kernels/data/shuffle_dataset_op.cc:175] Filling up
shuffle buffer (this may take a while): 1 of 256
113 2021-09-17 10:57:26.567957: I tensorflow/core/kernels/data/shuffle_dataset_op.cc:175] Filling up
shuffle buffer (this may take a while): 79 of 256
114 2021-09-17 10:57:31.910503: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
sRGB profile
115 2021-09-17 10:57:35.044711: I tensorflow/core/kernels/data/shuffle_dataset_op.cc:228] Shuffle buffer
filled.
116 3/27 [==>.....] - ETA: 1:14 - loss: 1.7136 - accuracy: 0.50002021-09-17 10:57:
44.972409: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
117 9/27 [=====>.....] - ETA: 48s - loss: 1.7305 - accuracy: 0.48612021-09-17 10:58:02
.749520: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
118 10/27 [=====>.....] - ETA: 46s - loss: 1.7338 - accuracy: 0.49062021-09-17 10:58:03
.985289: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
119 2021-09-17 10:58:04.228961: 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
120 2021-09-17 10:58:04.291385: 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
121 2021-09-17 10:58:04.291813: 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
122 2021-09-17 10:58:04.629627: 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
123 2021-09-17 10:58:04.630175: 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
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124 2021-09-17 10:58:04.630760: 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
125 2021-09-17 10:58:04.631120: 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
126 2021-09-17 10:58:04.877347: 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
127 2021-09-17 10:58:05.048806: 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
128 2021-09-17 10:58:05.316986: 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
129 2021-09-17 10:58:05.493374: 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
130 2021-09-17 10:58:05.493773: 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
131 2021-09-17 10:58:05.494166: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: profile 'ICC
  Profile': 'tech': ICC profile tag start not a multiple of 4
132 2021-09-17 10:58:05.494543: 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
133 2021-09-17 10:58:05.540796: 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
134 2021-09-17 10:58:05.817759: 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
135 27/27 [=====] - 90s 2s/step - loss: 1.7585 - accuracy: 0.4803
136 2021-09-17 10:58:24.097144: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect
  sRGB profile
137 Accuracy: 0.48032405972480774
138 Loss: 1.758451223373413
139 end
140
141 Process finished with exit code 0
142
```