- 1 C:\Users\jdeag\Desktop\project\ArtificialIntel\BuildingIdentifier\venv\
 Scripts\python.exe C:/Users/jdeag/Desktop/project/ArtificialIntel/
 BuildingIdentifier/ImageAnnotation/KerasTunerDeagan.py
- 2 2021-09-23 13:12:09.494335: 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 2021-09-23 13:12:09.494545: 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.
- 5 2.6.0
- 6 Found 7811 files belonging to 6 classes.
- 7 Using 6249 files for training.
- 8 2021-09-23 13:12:22.345336: W tensorflow/stream_executor/platform/default /dso_loader.cc:64] Could not load dynamic library 'cudart64_110.dll'; dlerror: cudart64_110.dll not found
- 9 2021-09-23 13:12:22.346387: W tensorflow/stream_executor/platform/default /dso_loader.cc:64] Could not load dynamic library 'cublas64_11.dll'; dlerror: cublas64_11.dll not found
- 10 2021-09-23 13:12:22.347413: W tensorflow/stream_executor/platform/default /dso_loader.cc:64] Could not load dynamic library 'cublasLt64_11.dll'; dlerror: cublasLt64_11.dll not found
- 11 2021-09-23 13:12:22.348447: W tensorflow/stream_executor/platform/default /dso_loader.cc:64] Could not load dynamic library 'cufft64_10.dll'; dlerror: cufft64_10.dll not found
- 12 2021-09-23 13:12:22.349472: W tensorflow/stream_executor/platform/default /dso_loader.cc:64] Could not load dynamic library 'curand64_10.dll'; dlerror: curand64_10.dll not found
- 13 2021-09-23 13:12:22.350499: W tensorflow/stream_executor/platform/default /dso_loader.cc:64] Could not load dynamic library 'cusolver64_11.dll'; dlerror: cusolver64_11.dll not found
- 14 2021-09-23 13:12:22.351524: W tensorflow/stream_executor/platform/default /dso_loader.cc:64] Could not load dynamic library 'cusparse64_11.dll'; dlerror: cusparse64_11.dll not found
- 15 2021-09-23 13:12:22.352552: W tensorflow/stream_executor/platform/default /dso_loader.cc:64] Could not load dynamic library 'cudnn64_8.dll'; dlerror: cudnn64_8.dll not found
- 16 2021-09-23 13:12:22.353129: W tensorflow/core/common_runtime/gpu/gpu_device.cc:1835] Cannot dlopen some GPU libraries. Please make sure the missing libraries mentioned above are installed properly if you would like to use GPU. Follow the guide at https://www.tensorflow.org/install/gpu for how to download and setup the required libraries for your platform.
- 17 Skipping registering GPU devices...
- 18 2021-09-23 13:12:22.354632: 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
- 19 To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags.
- 20 Found 7811 files belonging to 6 classes.
- 21 Using 1562 files for validation.
- 22 Found 864 files belonging to 6 classes.
- 23 Model: "sequential"

File - K	GerasTunerDeagan				
24					
25 26	Layer (type) ====================================	Output =====	Shape ===========	Param # ========	
27 28	rescaling (Rescaling)	(None,	256, 256, 3) 	0	
29 30	random_flip (RandomFlip)	(None,	256, 256, 3)	0	
31 32	random_rotation (RandomRotat			0	
33	conv2d (Conv2D)	(None,	254, 254, 32)	896	
	max_pooling2d (MaxPooling2D)	(None,	127, 127, 32)	0	
	batch_normalization (BatchNo	(None,	127, 127, 32)	128	
	conv2d_1 (Conv2D)	(None,	125, 125, 64)	18496	
	max_pooling2d_1 (MaxPooling2	(None,	62, 62, 64)	0	
	batch_normalization_1 (Batch	(None,	62, 62, 64)	256	
	conv2d_2 (Conv2D)	(None,	60, 60, 128)	73856	
	max_pooling2d_2 (MaxPooling2	•	•	0	
	batch_normalization_2 (Batch	(None,	30, 30, 128)	512	
	flatten (Flatten)	(None,	115200)	0	
	dense (Dense)	(None,	256)	29491456	
	dropout (Dropout)	(None,	256)	0	
57 58	dense_1 (Dense)	(None,	128)	32896	
59 60	dropout_1 (Dropout)	(None,	128)	0	
	dense_2 (Dense)	(None,	6)	774 	
63	Total params: 29,619,270				
	Trainable params: 29,618,822				
	Non-trainable params: 448				
66					
	Epoch 1/10				
68	<pre>C:\Users\jdeag\Desktop\project\ArtificialIntel\BuildingIdentifier\venv\ lib\site-packages\keras\backend.py:4906: UserWarning: "` sparse_categorical_crossentropy` received `from_logits=True`, but the ` output` argument was produced by a sigmoid or softmax activation and thus does not represent logits. Was this intended?"</pre>				
69	·				
	2021-09-23 13:12:23.727435: I tensorflow/compiler/mlir/mlir_graph_optimization_pass.cc:185] None of the MLIR Optimization Passes				
71	are enabled (registered 2) 1/196 [Loss: 4.4818 -				
, _	nccuracy: 0.18752021-09-23 13:12:27.050755: W tensorflow/core/lib/png/				
	png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile				
72	4/196 [] - ETA: 6:15 - loss: 18.9802 -				
\vdash	Page 2 of 6				

```
File - KerasTunerDeagan
- accuracy: 0.4486 - val_loss: 3.2523 - val_accuracy: 0.4795
119 Epoch 7/10
- accuracy: 0.4510 - val_loss: 2.9123 - val_accuracy: 0.4795
121 Epoch 8/10
- accuracy: 0.4538 - val_loss: 2.6190 - val_accuracy: 0.4795
123 Epoch 9/10
- accuracy: 0.4495 - val_loss: 2.3812 - val_accuracy: 0.4795
125 Epoch 10/10
- accuracy: 0.4529 - val_loss: 2.1556 - val_accuracy: 0.4795
127 2021-09-23 14:45:42.716072: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 2 of 256
128 2021-09-23 14:45:57.761891: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 42 of 256
129 2021-09-23 14:46:12.348915: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 56 of 256
130 2021-09-23 14:46:12.349090: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 57 of 256
131 2021-09-23 14:46:25.746327: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 92 of 256
132 2021-09-23 14:46:33.073741: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 142 of 256
133 2021-09-23 14:46:41.564370: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 185 of 256
134 2021-09-23 14:46:42.123612: W tensorflow/core/lib/png/png_io.cc:88] PNG
   warning: iCCP: known incorrect sRGB profile
135 2021-09-23 14:46:52.053719: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 203 of 256
136 2021-09-23 14:47:04.087345: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 216 of 256
137 2021-09-23 14:47:11.599381: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a
   while): 228 of 256
138 2021-09-23 14:47:15.475868: I tensorflow/core/kernels/data/
   shuffle_dataset_op.cc:228] Shuffle buffer filled.
139
    3/27 [==>.....] - ETA: 3:06 - loss: 2.1643 -
   accuracy: 0.50002021-09-23 14:47:36.025089: W tensorflow/core/lib/png/
   png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
140 10/27 [========>.....] - ETA: 1:17 - loss: 2.1803 -
   accuracy: 0.49062021-09-23 14:48:01.056958: W tensorflow/core/lib/png/
```

142 2021-09-23 14:48:02.575819: W tensorflow/core/lib/png/png_io.cc:88] PNG

141 2021-09-23 14:48:01.836096: W tensorflow/core/lib/png/png_io.cc:88] PNG

png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile

warning: iCCP: known incorrect sRGB profile

```
142 warning: iCCP: profile 'ICC Profile': 'desc': ICC profile tag start not
    a multiple of 4
```

- 143 2021-09-23 14:48:02.576000: 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
- 144 2021-09-23 14:48:02.576167: 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
- 145 2021-09-23 14:48:02.623992: 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
- 146 2021-09-23 14:48:02.624256: 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
- 147 2021-09-23 14:48:02.624498: 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
- 148 2021-09-23 14:48:02.624739: 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
- 149 2021-09-23 14:48:02.624979: 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
- 150 2021-09-23 14:48:02.625218: 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
- 151 2021-09-23 14:48:02.625460: 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
- 152 2021-09-23 14:48:02.625704: 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
- 153 2021-09-23 14:48:02.625948: 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
- 154 2021-09-23 14:48:02.626187: 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
- 155 2021-09-23 14:48:02.626429: 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
- 156 2021-09-23 14:48:02.626671: 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
- 157 2021-09-23 14:48:02.626912: 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
- 158 17/27 [===========>....] ETA: 45s loss: 2.1956 accuracy: 0.47982021-09-23 14:48:34.116080: W tensorflow/core/lib/png/ png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
- accuracy: 0.4803
- 160 Accuracy: 0.48032405972480774
- 161 Loss: 2.198075294494629
- 162 end

163

164 Process finished with exit code 0