- 1 C:\Users\jdeag\Desktop\project\ArtificialIntel\BuildingIdentifier\venv\
 Scripts\python.exe C:/Users/jdeag/Desktop/project/ArtificialIntel/
 BuildingIdentifier/ImageAnnotation/KerasTunerDeagan.py
- 2 2021-09-24 14:03:20.193489: 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 2021-09-24 14:03:20.193712: 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 2021-09-24 14:03:32.039149: 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 2021-09-24 14:03:32.040149: 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 2021-09-24 14:03:32.041291: 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 2021-09-24 14:03:32.042279: 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 2021-09-24 14:03:32.043251: 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 2021-09-24 14:03:32.044179: 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 2021-09-24 14:03:32.045108: 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 2021-09-24 14:03:32.046040: 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 2021-09-24 14:03:32.046610: 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 2021-09-24 14:03:32.047962: 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	erasTunerDeagan				
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	
	random_rotation (RandomRotat				
33	conv2d (Conv2D)	(None,	254, 254, 32)	896	
35	<pre>max_pooling2d (MaxPooling2D)</pre>	(None,	127, 127, 32)		
	conv2d_1 (Conv2D)	(None,	125, 125, 64) 	18496	
39 40	max_pooling2d_1 (MaxPooling2		62, 62, 64)	0	
	conv2d_2 (Conv2D)		60, 60, 128)	73856	
43 44	max_pooling2d_2 (MaxPooling2	(None,	30, 30, 128)	0	
	flatten (Flatten)				
47	dense (Dense)	(None,	256)	29491456	
49 50	dropout (Dropout)	(None,	256)	U	
	dense_1 (Dense)	(None,	128)	32896	
53	dense_2 (Dense)	(None,	6)	774	
55 56	Total params: 29,618,374 Trainable params: 29,618,374 Non-trainable params: 0				
59	<pre>Epoch 1/10 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>				
61 62	<pre>warnings.warn(2021-09-24 14:03:33.233612: I tensorflow/compiler/mlir/ mlir_graph_optimization_pass.cc:185] None of the MLIR Optimization Passes are enabled (registered 2)</pre>				
63	1/196 [] - ETA: 10:37 - loss: 1.7688 - accuracy: 0.28122021-09-24 14:03:36.144776: W tensorflow/core/lib/png/				
64	png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile 4/196 [] - ETA: 5:21 - loss: 4.6904 - accuracy: 0.29692021-09-24 14:03:41.139125: W tensorflow/core/lib/png/				
65	<pre>png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile 5/196 [] - ETA: 5:20 - loss: 4.0280 - accuracy: 0.33132021-09-24 14:03:42.852400: W tensorflow/core/lib/png/ png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile</pre>				
66	13/196 [>] - ETA: 5:06 - loss: 2.4965 - accuracy: 0.35102021-09-24 14:03:56.202776: W tensorflow/core/lib/png/				
	png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile				
	Page 2 of 6				

```
File - KerasTunerDeagan
```

- 117 Epoch 10/10
- 119 2021-09-24 15:39:18.937073: I tensorflow/core/kernels/data/ shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a while): 11 of 256
- 120 2021-09-24 15:39:29.873687: I tensorflow/core/kernels/data/ shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a while): 51 of 256
- 121 2021-09-24 15:39:40.213973: I tensorflow/core/kernels/data/ shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a while): 92 of 256
- 122 2021-09-24 15:39:50.093183: I tensorflow/core/kernels/data/ shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a while): 151 of 256
- 123 2021-09-24 15:39:58.193250: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
- 124 2021-09-24 15:39:59.001939: I tensorflow/core/kernels/data/ shuffle_dataset_op.cc:175] Filling up shuffle buffer (this may take a while): 192 of 256
- 125 2021-09-24 15:40:06.469498: I tensorflow/core/kernels/data/shuffle_dataset_op.cc:228] Shuffle buffer filled.
- 127 9/27 [=======>......] ETA: 1:55 loss: 1.2826 accuracy: 0.53122021-09-24 15:41:11.715615: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
- 128 10/27 [========>.....] ETA: 1:45 loss: 1.2917 accuracy: 0.52812021-09-24 15:41:12.005111: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
- 129 2021-09-24 15:41:12.196853: 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
- 130 2021-09-24 15:41:12.213484: 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
- 131 2021-09-24 15:41:12.227616: 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
- 132 2021-09-24 15:41:12.227955: 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
- 133 2021-09-24 15:41:12.228325: 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
- 134 2021-09-24 15:41:12.273321: 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
- 135 2021-09-24 15:41:12.368635: 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
- 136 2021-09-24 15:41:12.416187: 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

- 137 2021-09-24 15:41:12.595219: 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
- 138 2021-09-24 15:41:12.595438: 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
- 139 2021-09-24 15:41:12.693863: 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
- 140 2021-09-24 15:41:12.694652: 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
- 141 2021-09-24 15:41:12.919171: 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
- 142 2021-09-24 15:41:12.919501: 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
- 143 2021-09-24 15:41:12.919733: 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
- 144 2021-09-24 15:41:12.919967: 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
- 145 17/27 [=============>.....] ETA: 41s loss: 1.3139 accuracy: 0.52022021-09-24 15:41:23.266542: W tensorflow/core/lib/png/png_io.cc:88] PNG warning: iCCP: known incorrect sRGB profile
- 147 Accuracy: 0.5173611044883728
- 148 Loss: 1.3206504583358765
- 149 end
- 151 Process finished with exit code 0