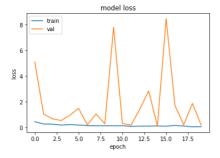
```
Epoch 1/20
136/136 [=
                       =====] - 238s 2s/step - loss: 0.4518 - accuracy: 0.8439 - val loss: 5.1010 - val accuracy: 0.4665
Epoch 00001: val_accuracy improved from -inf to 0.46651, saving model to /content/drive/My Drive/COVID/Vanshika/Models/resNet50.h5
            136/136 [===
Epoch 00002: val accuracy improved from 0.46651 to 0.58373, saving model to /content/drive/Mv Drive/COVID/Vanshika/Models/resNet50.h5
           136/136 [===
Epoch 00003: val accuracy improved from 0.58373 to 0.77512, saving model to /content/drive/Mv Drive/COVID/Vanshika/Models/resNet50.h5
           136/136 [===
Epoch 00004: val accuracy improved from 0.77512 to 0.87321, saving model to /content/drive/My Drive/COVID/Vanshika/Models/resNet50.h5
Epoch 00005: val accuracy did not improve from 0.87321
136/136 [===
          Epoch 00006: val_accuracy did not improve from 0.87321
136/136 [==:
          Epoch 00007: val_accuracy improved from 0.87321 to 0.93541, saving model to /content/drive/My Drive/COVID/Vanshika/Models/resNet50.h5
          Epoch 00008: val_accuracy did not improve from 0.93541
Epoch 00009: val_accuracy did not improve from 0.93541
            136/136 [===
Epoch 00010: val accuracy did not improve from 0.93541
         136/136 [====
Epoch 00011: val_accuracy did not improve from 0.93541
136/136 [===
            Epoch 00012: val_accuracy improved from 0.93541 to 0.94498, saving model to /content/drive/My Drive/COVID/Vanshika/Models/resNet50.h5
Epoch 13/20
136/136 [==:
             :========] - 211s 2s/step - loss: 0.1193 - accuracy: 0.9597 - val_loss: 1.4396 - val_accuracy: 0.7656
Epoch 00013: val_accuracy did not improve from 0.94498
Epoch 14/20
136/136 [==:
             =========] - 212s 2s/step - loss: 0.1127 - accuracy: 0.9574 - val_loss: 2.8479 - val_accuracy: 0.5789
Epoch 00014: val_accuracy did not improve from 0.94498
Epoch 15/20
              :==========] - 209s 2s/step - loss: 0.1280 - accuracy: 0.9559 - val_loss: 0.1202 - val_accuracy: 0.9617
136/136 [==:
Epoch 00015: val_accuracy improved from 0.94498 to 0.96172, saving model to /content/drive/My Drive/COVID/Vanshika/Models/resNet50.h5
Enoch 16/20
136/136 [==:
                  ========] - 212s 2s/step - loss: 0.1199 - accuracy: 0.9604 - val_loss: 8.4617 - val_accuracy: 0.5048
Epoch 00016: val accuracy did not improve from 0.96172
Fnoch 17/20
              :==========] - 211s 2s/step - loss: 0.1803 - accuracy: 0.9397 - val loss: 1.7262 - val accuracy: 0.5598
136/136 [===
Epoch 00017: val accuracy did not improve from 0.96172
136/136 [===
           Epoch 00018: val accuracy did not improve from 0.96172
136/136 [===========] - 215s 2s/step - loss: 0.0610 - accuracy: 0.9783 - val loss: 1.8790 - val accuracy: 0.6986
Epoch 00019: val accuracy did not improve from 0.96172
136/136 [===========] - 216s 2s/step - loss: 0.0695 - accuracy: 0.9739 - val loss: 0.1797 - val accuracy: 0.9450
Epoch 00020: val_accuracy did not improve from 0.96172
dict_keys(['val_loss', 'val_accuracy', 'loss', 'accuracy'])
            model accuracy
 0.0
 0.8
 0.7
 0.6
 0 :
    0.0
       2.5
          5.0
             7.5
               10.0
                  12.5
                      15.0
                        17.5
```

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2 of 2 05/06/20, 6:22 pm

	precision	recall	f1-score	support
COVID-19	0.86	0.97	0.91	31
Normal	0.97	0.96	0.97	193
Viral Pneumonia	0.97	0.96	0.97	194
accuracy			0.96	418
macro avg	0.93	0.96	0.95	418
weighted avg	0.96	0.96	0.96	418

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