```
136/136 [==
            Epoch 00001: val_accuracy improved from -inf to 0.46172, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet_lr0005_ep30.h5
          Epoch 00002: val accuracy improved from 0.46172 to 0.78230, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005 ep30.h5
           :===========] - 64s 472ms/step - loss: 0.5334 - accuracy: 0.7838 - val_loss: 0.4989 - val_accuracy: 0.8325
Epoch 00003: val_accuracy improved from 0.78230 to 0.83254, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet_lr0005_ep30.h5
       Epoch 00004: val_accuracy improved from 0.83254 to 0.86842, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet_lr0005_ep30.h5
Epoch 5/30
136/136 [==
          Epoch 00005: val_accuracy did not improve from 0.86842
            136/136 [==
Epoch 00006: val accuracy improved from 0.86842 to 0.89234, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005 ep30.h5
Epoch 00007: val_accuracy improved from 0.89234 to 0.90431, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet_lr0005_ep30.h5
136/136 [===
       Epoch 00008: val accuracy did not improve from 0.90431
Epoch 00009: val accuracy improved from 0.90431 to 0.93062, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005 ep30.h5
136/136 [===
          Epoch 00010: val accuracy improved from 0.93062 to 0.93541, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet lr0005 ep30.h5
            Epoch 00011: val_accuracy did not improve from 0.93541
136/136 [====
       Epoch 00012: val accuracy did not improve from 0.93541
136/136 [===
          Epoch 00013: val_accuracy did not improve from 0.93541
Epoch 14/30
136/136 [===
        Epoch 00014: val_accuracy improved from 0.93541 to 0.94737, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet_lr0005_ep30.h5
       136/136 [===
Epoch 00015: val accuracy did not improve from 0.94737
Epoch 00016: val accuracy did not improve from 0.94737
136/136 [===
          Epoch 00017: val_accuracy did not improve from 0.94737
          136/136 [===
Epoch 00018: val_accuracy improved from 0.94737 to 0.94976, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet_lr0005_ep30.h5
136/136 [====
       Epoch 00019: val_accuracy improved from 0.94976 to 0.95455, saving model to /content/drive/My Drive/COVID/Vanshika/Models/squeezeNet_lr0005_ep30.h5
136/136 [===
           :==========] - 64s 468ms/step - loss: 0.1441 - accuracy: 0.9489 - val loss: 0.2232 - val accuracy: 0.9378
Epoch 00020: val_accuracy did not improve from 0.95455
        Epoch 00021: val accuracy did not improve from 0.95455
136/136 [===
           Epoch 00022: val_accuracy did not improve from 0.95455
Epoch 23/30
136/136 [==
           =========] - 64s 470ms/step - loss: 0.1148 - accuracy: 0.9563 - val_loss: 0.2485 - val_accuracy: 0.9282
Epoch 00023: val_accuracy did not improve from 0.95455
            136/136 [==:
Epoch 00024: val accuracy did not improve from 0.95455
        136/136 [===
Epoch 00025: val_accuracy did not improve from 0.95455
Epoch 00026: val accuracy did not improve from 0.95455
136/136 [==
           ==========] - 63s 467ms/step - loss: 0.1026 - accuracy: 0.9597 - val loss: 0.1828 - val accuracy: 0.9426
Epoch 00027: val_accuracy did not improve from 0.95455
           :==========] - 63s 464ms/step - loss: 0.1127 - accuracy: 0.9590 - val loss: 0.1898 - val accuracy: 0.9450
```

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2 of 2 05/06/20, 4:30 pm

	precision	recall	f1-score	support
COVID-19	0.94	0.97	0.95	31
Normal	0.94	0.97	0.95	193
Viral Pneumonia	0.97	0.94	0.96	194
accuracy			0.95	418
macro avg	0.95	0.96	0.95	418
weighted avg	0.96	0.95	0.95	418

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